Final Programme

Sport Science in a Metropolitan Area

22nd Annual Congress of the European College of Sport Science

ECSS MetropolisRuhr 2017

Hosted by

Ruhr-University Bochum
TU Dortmund University
University of Duisburg-Essen

Sport Science in a Metropolitan Area

22nd annual ECSS Congress
5 - 8 July 2017, Essen-Germany

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Sport Science in a Metropolitan Area

22nd Annual Congress of the European College of Sport Science
ECSS MetropolisRuhr 2017 – Germany, 5 – 8 July

Final Programme

Hosted by

Ruhr-University Bochum, TU Dortmund University, University of Duisburg-Essen

Welcome to MetropolisRuhr

Welcome to the 22nd Annual Congress of the European College of Sport Science

Welcome to MetropolisRuhr

On behalf of the European College of Sport Science and the University Alliance Ruhr (consisting of the three institutions: Ruhr-University Bochum, TU Dortmund University, University of Duisburg-Essen), we welcome you to Essen for the 22nd Annual Congress of the ECSS – ECSS MetropolisRuhr 2017.

Our conference topic "Sport Science in a Metropolitan Area" reflects the role of sport and physical activity in the Ruhr area, which is one of the largest multicultural urban agglomerations in the world and is heavily coined by industry. This environment results in tremendous sport scientific challenges, including the broad range from Inactivity to intense physical stress, the trend of increased Individuality in lifestyle and physical activity, as well as the Inclusion of minorities. Historically, some high-performance sports, such as football, have been an important factor to strengthen the people's Identification with our region. These topics will run as a red thread through the congress and will be taken up by the four plenary sessions.

ECSS MetropolisRuhr 2017 brings people together from all around the world and provides a platform for the exchange of views and new research ideas. As young investigators are the future key-players in sport science research, ECSS MetropolisRuhr 2017 will specifically attract and very warmly welcome highly motivated early stage researchers. We therefore provide instructional workshops and satellites in addition to several young investigator awards, and we are offering new attractive presentation formats like the ECSS Sport Science Slam, which takes place on Thursday, July 4, at Ruhr University Bochum, in Bochum.

Due to excellent submissions, we were able to build an outstanding scientific programme consisting of four plenary sessions and 37 invited and exchange symposia on current topical issues in the field of sport-scientific research. 1,750 abstracts have been submitted from 60 countries. 1,600 abstracts were selected for the final programme and were allocated to 112 oral, 41 mini-oral and 30 conventional poster sessions, or assigned to e-poster presentations. Out of these contributions, 61 oral and 25 mini-oral presentations were selected for the finals of the ECSS Young Investigators Award (YIA).

A congress is not only an opportunity for transfer of knowledge, but also a chance to grab the spirit of the hosting country and its people. In the area of MetropolisRuhr, there has been a huge transformation from an area of coal mining and steel production to a modern metropolis of the 21st century. Come and visit the famous "Grugapark" near to the Congress Center Essen (CCE) which is free of charge for congress participants. In this place, one can find a botanical garden with rare and beautiful plants, restaurants, bars, as well as a health facility and spa. It only takes you a mere five-minute-walk from the CCE and you are in the middle of the popular dining and nightlife area "Rüttenscheider Straße", where local pubs invite you to linger after a long and busy congress day. If you like to learn more about Germany, we will recommend you to visit the city of Cologne and other spots in the region of North-Rhine Westphalia. Just ask our volunteers who are pleased to assist you.

Enjoy the Congress, enjoy MetropolisRuhr!

Petra Platen, Alexander Ferrauti, Elke Grimminger-Seidensticker & Thomas Jaitner

Congress Presidents and Chairs of the local scientific committe

UA RUHR

The University Alliance Ruhr is an alliance between **Ruhr University Bochum, TU Dortmund University**, and the **University of Duisburg-Essen**, the three strongest universities in Germany's thriving Ruhr Area.

The Ruhr Area is not only Germany's largest academic hub, but also an epicentre of innovation that fosters close interaction between academia and the private sector.

RUHR UNIVERSITÄT BOCHUM RUB

The **Faculty of Sport Science at the Ruhr University Bochum** is one of the largest university sport science institutions in Germany. Approximately 1,200 sport students study different Bachelor or Master programs. All major humanities, social and natural sport science disciplines are presented by professors. Research includes topics like neuromuscular control, training, testing and recovery management, exercise and altitude, sports nutrition, injury prevention and low back pain. The social sciences and humanities focus on different aspects of sports history, physical and cultural education, with many of these issues being covered by an interdisciplinary approach.

www.sportwissenschaft.rub.de

tu technische universität dortmund

The **Department of Sport and Sport Science at the TU Dortmund University** is located at the eastern edge of the Metropolis Ruhr area. The members of the Department are engaged in research ranging from social sciences to natural sciences and technologies as well as in teaching physical education students at undergraduate and graduate level.

Common transdisciplinary research activities are concentrated in the Dortmund Centre of Physical Education and School Sport Research and aim at the establishment and the systematic development of research in physical education as a multidisciplinary designed and independent area of the science of sports.

www.sport.tu-dortmund.de

UNIVERSITÄT DUISBURG ESSEN

The **Institute of Sport and Movement Sciences of the University of Duisburg-Essen** combines expertise in the three areas: social sciences, sports pedagogy & didactics and biomechanics & movement science. The institute offers Bachelor and Master study programs on physical education in school. In research, one specific interest is on physical, social, and ethical competences of children and adolescents in their different social, educational and sportive environments, which are investigated by empirically based holistic approaches. Further research focuses on injury prevention, innovative concepts for sports equipment and shoes as well as on postural control.

www.uni-due.de/ sport-und-bewegungswissenschaften

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Have a
ECSS Congress
MetropolisRuhr 2017 – Gr

General Information

VENUE

The Congress Center Essen (CCE) is just a five minute tram ride away from Essen city centre and just 20 minutes by car to Düsseldorf International Airport. There are 11 conference rooms and direct access to the Grugapark with free entrance. The venue buildings used for the ECSS congress are CCE South and CCE West which are easily connected through an outdoor pathway. The closest tram station is Messe West-Süd/Gruga.

Messe Essen, Germany

Norbertstr. 2

45131 Essen

Germany

www.messe-essen.de

CONGRESS OFFICE AND REGISTRATION

The congress registration desks and information desks are located in the foyer of CCE South.

OPENING HOURS

- Wednesday, July 5, 08:00 – 18:00
- Thursday, July 6, 08:00 – 18:00
- Friday, July 7, 08:00 – 18:00
- Saturday, July 8, 08:00 – 16:00

REGISTRATION FEES

The registration fee for participants includes:

- Admission to all scientific sessions
- Admission to exhibition
- Admission to the Opening Ceremony
- Admission to the Opening Reception*
- Congress material (congress bag, final programme – print, book of abstracts – print on demand: EUR 25*/EUR 35 on-site)
- Coffee or tea breaks (6) and lunches (3)* at the congress venue
- Admission to the Closing Ceremony
- Admission to the Congress Party*

*pre-booking required.

THE REGISTRATION FEE FOR ACCOMPANYING PERSONS INCLUDES:

- Admission to exhibition
- Admission to the Opening Ceremony
- Admission to the Opening Reception*
- Congress material (congress bag, final programme – print, book of abstracts – print on demand: EUR 25*/EUR 35 on-site)
- Coffee or tea breaks (6) and lunches (3)* at the congress venue
- Admission to the Closing Ceremony
- Admission to the Congress Party*

*pre-booking required

Please note that accompanying persons do not have admission to scientific sessions.

THE REGISTRATION FEE FOR ADDITIONAL EXHIBITORS (MINIMUM OF TWO FREE DELEGATES PER COMPANY) INCLUDES:

- Admission to all scientific sessions
- Admission to exhibition
- Admission to the Opening Ceremony
- Admission to the Opening Reception*
- Congress material (congress bag, final programme – print, book of abstracts – print on demand: EUR 25*/EUR 35 on-site)
- Coffee or tea breaks (6) and lunches (3)* at the congress venue
- Admission to the Closing Ceremony
- Admission to the Congress Party*

*pre-booking required

CONGRESS STAFF

The congress staff will be available to answer any questions about the congress programme, the location of the lecture halls, rooms, and meals etc. Staff members can be identified by light green shirts with the ECSS and congress logos.

SUSTAINABILITY AT THE CONGRESS

Please follow the sustainable guidelines and help us to support the environment. Please read more on the congress website.

SCIENTIFIC PROGRAMME

Researchers and scholars from all over the world contribute to the scientific programme and address the congress topic "Sport Science in a Metropolitan Area" from different angles. Physical activity, exercise, and sport is examined from theoretical, empirical and applied-scientific viewpoints, and from molecular to societal contexts. The content ranges from inactivity to high intensive physical stress, the distinct trend of achieving more individuality in lifestyle and physical activity, as well as the inclusion of minorities. As it is unique for the identification with the region, there will also be an emphasis on professional football. These specific challenges will run as a red thread through the congress and the 1,750 contributions which are presented as:

- 4 plenary sessions
- 37 invited sessions
- 112 oral sessions
- 41 mini-oral sessions
- 30 conventional print poster sessions
- 203 e-posters (not debated)

YOUNG INVESTIGATORS AWARD (YIA), SPONSORED BY EUROPEAN JOURNAL OF SPORT SCIENCE (EJSS)

ECSS has received 244 applications for this year's YIA. Out of those, 86 have met the administrative requirements for the YIA, and after a thorough review, have entered the final stage of the competition. All YIA candidates will present their papers in front of the judging committee in Essen.

The applicants are competing for 20 prizes (10 oral and 10 mini-oral). The Scientific Board and the Scientific Committee will select the 10 best presentations for each category. Four finalists of the oral presentations will present their papers again. They will have 15 minutes each: 10 minutes presentation time and 5 minutes to answer questions of the Scientific Board and/or Scientific Committee on Saturday afternoon, July 8. Following a final evaluation by the ECSS Scientific Board and Committee, all winners will be announced and they receive their prizes at the YIA ceremony.

- The top 10 candidates of each category (oral/mini-oral) will be announced on Friday afternoon, July 7, 2017, at the ECSS congress booth next to the registration desks.
- The 20 winners will be invited to join the YIA Cocktail event taking place on the evening of Friday, July 7, 2017, at the Red Dot Design Museum.
- In order to receive their certificate and prize money, all prize winners are asked to be personally present at the YIA ceremony, taking place on Saturday, July 8, 2017, at 17:30.
- Prize winners who do not attend and accept their prize within the

nice stay in Essen

framework of the YIA ceremony on Saturday, July 8, 2017, cannot be considered for the award prize.

PRIZE MONEY

Generous cash prizes for YIA finalists are provided by European Journal of Sport Science (EJSS).

ORAL PRESENTATIONS

- 1st – EUR 4,000
- 2nd – EUR 3,000
- 3rd – EUR 2,000
- 4th – EUR 1,000
- Equal 5th – EUR 500

MINI-ORAL PRESENTATIONS

- 1st – EUR 3,000
- 2nd – EUR 2,000
- 3rd – EUR 1,000
- 4th – EUR 500
- Equal 5th – EUR 300

GSSI NUTRITION AWARD

Abstracts submitted in the area of nutrition, in oral or mini-oral presentation formats, can opt in to apply for the GSSI Nutrition Award during the abstract submission process. A reviewing panel has selected the top five candidates of all submissions to present their work in front of the panel on Wednesday, July 5. The winners will be awarded at the GSSI and Aspetar Award Ceremony (Wednesday, July 5, 2017, 18:30, Hall Europa).

PRIZE MONEY

- 1st – EUR 3,000
- 2nd – EUR 1,500
- 3rd – EUR 500

ASPETAR EXCELLENCE IN FOOTBALL RESEARCH AWARD

Abstracts submitted in the area of football (soccer), in oral or mini-oral presentation formats, can opt in to apply for the Excellence in Football Research Award sponsored by Aspetar during the abstract submission process. A reviewing panel has selected the top five candidates of all submissions to present their work in front of the panel on Wednesday, July 5, 2017. The winners will be awarded at the GSSI and Aspetar Award Ceremony (Wednesday, July 5, 2017, 18:30, Hall Europa).

PRIZE MONEY

- 1st – EUR 2,500
- 2nd and 3rd – EUR 500

GERMAN TENNIS FEDERATION AWARD

Abstracts submitted in the area of tennis, in oral presentation format can opt in to apply for this award, sponsored by the German Tennis Federation (Deutscher Tennis Bund, DTB) during the abstract submission process. A jury has selected the top twelve candidates of all submissions to present their work in front of the jury during two specific oral tennis sessions on Thursday, July 6, 2017, at 08:00 and at 09:45 (Hall New York/West). The winners will be awarded at the DTB Award Ceremony on Thursday, July 6, 2017, at 12:45 (Hall New York/West).

PRIZE MONEY

- EUR 2,000 (a split is possible for two winners)

PRESENTATION REGULATIONS AND SPEAKERS READY ROOM

ORAL SESSIONS

BEFORE

The Speakers Ready Room is located in CCE West, on the ground floor across from the escalators. Please locate your lecture hall well in advance of your session and familiarise yourself with the setup. The format for invited and oral presentations is PowerPoint (16:9). All PowerPoint presentations must be pre-uploaded in the Speakers Ready Room. This must be done the day before your session and as early as possible on Wednesday for sessions on that day.

Once at your session/hall, please check that the file is available on the PC and that it is functional. Note that private laptops cannot be used.

All presenters must be available at the respective lecture hall 15 minutes before the session starts. Please introduce yourself to the session Chair(s). There will be one or two volunteers in each lecture room to help with the logistics, IT, and timing of presentations.

DURING

The Chair will introduce you and call you to speak (name, institution, title of presentation, and if the speaker is running for YIA). Please keep to the exact timeline for the session:

- 10 minutes presentation
- 5 minutes discussion

A volunteer will show you (and the Chair) a yellow card at 9 minutes and a red card at 10 minutes, in order to guide you with the timing of the presentation. When necessary, a red card will be shown to you again after the allocated 15 minutes, in order to advise you and the Chair to move on to the next presentation.

AFTER

Please clear the room as soon as possible at the end of the session as the next session will start within 15 minutes.

MINI-ORAL SESSIONS

BEFORE

Mini-oral sessions require the pre-upload of the presentation in PDF (format: 4 slides only, in landscape (horizontal, 16:9)). The presentation time is 3 minutes plus 2 minutes for questions and answers. The presentation must be pre-uploaded in advance of the congress via your ECSS account (deadline: June 15, 2017).

Please locate the lecture room of your mini-oral session in advance. Once at your session, please check if the file of your presentation is available on the PC and that it is functional. Introduce yourself to your session's Chair(s).

Be present at least 10 minutes before your session starts.

DURING

The Chair introduces the speakers (name, institution, title of presentation, and if the speaker is running for YIA). Please keep to the exact timeline for the session:

- 3 minutes presentation
- 2 minutes discussion

The Chair will initiate discussion allowing the audience to pose questions first.

AFTER

Please clear the room as soon as possible at the end of the mini-oral sessions as there may be a session following shortly afterwards.

CONVENTIONAL POSTER SESSIONS

Prepare your poster (Size A0, height: 120cm, width: 90cm) before the congress and bring it with you to the venue. There will be a chaired poster session at the indicated time slot. You will have 2 minutes to present the poster and 2 minutes to discuss afterwards.

Pin up your poster at the designated spot (poster board) at 08:00 in the morning of the day of your presentation. Remove your poster at 18:00 on the evening of the day of your presentation. Posters that have not been removed by 18:00 will be removed by ECSS.

CONGRESS LANGUAGE

The official congress language is English. No simultaneous translation will be provided.

MEALS AND COFFEE BREAKS

Congress lunches and coffee breaks are included in the fee congress participants have paid. Lunches (if pre-booked) are served in the Exhibition Area (CCE South, lower ground floor, Hall 1A) from Thursday to Friday. On Saturday the lunch will be served in the foyer of the CCE West.

Please note that on Wednesday July 5 the will be snacks served in the exhibition hall 1A at 13.30 - 14.00 h. For the snack, pre-booking is not required.

Coffee breaks alike are served in the Exhibition Area (CCE South, lower ground floor, Hall 1A) from Wednesday to Friday. On Saturday the coffee will also be served in the foyer of the CCE West.

LUNCH TICKETS (IF PRE-BOOKED)

Participants have been asked to pre-book lunches, indicating special dietary requirements. They will receive a lunch ticket for each day (Thursday, Friday, and Saturday) at the registration desk upon arrival.

BADGES

All registered participants and accompanying persons will receive a badge. Exhibiting companies receive Exhibitor Passes and accredited members of media receive Media Passes. The badge is your ticket to enter the congress site or any of the social activities. Badges must be worn at all times.

TRANSPORT

The city of Essen is easily accessible via plane from several different airports (e.g. Dortmund (DTM), Düsseldorf (DUS), Cologne (CGN), Frankfurt (FRA)) and via train and car from elsewhere in Europe. Essen main railway station is very well connected to many big German cities and several ICEs (high speed trains) stop in Essen.

It is easy to travel within the Metropolis Ruhr area by train. The cities are well connected with high speed and regional train connections. Within the city of Essen you are able to use regional trains, metros, buses and trams to get around. The closest metro station at Messe Essen is Messe West-Süd/ Gruga, which is the last stop of the metro line U11. It takes approximately 5 minutes to reach Messe Essen from the main train station.

MESSAGES AND CHANGES TO THE PROGRAMME

Messages to participants are sent via email. Any changes to the programme will also be announced via email.

INTERNET SERVICES

Wireless internet will be available at the congress venue. The name of the network is ECSS2017.

ECSS EXHIBITION

The exhibition is located in CCE South on the lower ground floor (Hall 1A). The opening hours, at which exhibitors' attendance is mandatory, are:

- Wednesday, July 5, 2017, 9:00–18:00 and 20:00–21:00 (during opening reception sponsored by City of Essen, booth attendance optional)
- Thursday, July 6, 2017, 9:00–18:00
- Friday, July 7, 2017, 9:00–18:00

THE 1ST ECSS EXHIBITION RAFFLE

By participating the competition delegates have the possibility to win a unique ECSS iPad and great product prizes sponsored by ECSS exhibitors! Delegates receive a raffle coupon with their congress bag. To make use of this coupon attendees need to visit selected exhibitors and complete a task given at their exhibition booth. After accomplishing the task delegates will get awarded with the company stamp on their coupon. Once collected at least ten stamps, they qualify for the raffle which will take place on Saturday at the ECSS information booth (exhibition ends on Friday at 18:00).

Date: Wednesday, 5 July - Friday 7 July

Time: Exhibition opening hours

Location: Exhibition hall

TOURIST INFORMATION

Essen is located in the Ruhr Area. One of the largest agglomerations in Germany and the world. The Ruhr Area consists of eleven cities and four administrative districts and is home to over 5.2 million people. The region has been heavily influenced by the coal and steel industry but has developed into a vibrant service and culture oriented metropolitan area. The three biggest cities in the area are: Essen, Bochum and Dortmund – the organising cities of the congress. The Ruhr Area has many museums and sights to offer – often with an emphasis on the (former) industries. Sport is also a predominant topic in this part of Germany: two of the top football clubs are situated in the Ruhr Area (Borussia Dortmund and FC Schalke). In Dortmund you can visit the German Football Museum.

The river Ruhr flows through the Ruhr Area (hence the name) and there are artificial and natural lakes that invite you for a dip or walk in the nature. Next door to the Congress Center Essen (CCE) you can enter the Grugapark which is free of charge for congress participants. Here you can find botanical gardens with rare and beautiful plants, restaurants, bars, and a health centre and spa. The illuminated main path is perfect for doing your own recreational activities, such as running or walking. In just a five minute walk from CCE you can reach the popular dining and nightlife area "Rüttenscheider Straße", where local pubs invite you to linger after a long and busy congress day. If you would like to learn more about Germany, we recommend that you visit the city of Cologne and other spots in the region of North-Rhine Westphalia. Please find more information about things to do on the ECSS congress website.

SOCIAL PROGRAMME

The ECSS congress in MetropolisRuhr offers you a wide range of social events outside the scientific programme. All functions are included in the congress registration fees, unless otherwise indicated.

PRESS CONFERENCE

The press conference takes place on Wednesday, July 5, 2017 at 09:45 in room: N/South

General Information

ECSS GENERAL ASSEMBLY

All ECSS members are invited to join the ECSS general assembly to receive the latest facts, figures and information about the development of the college.

Wednesday, July 5, 2017, 11:00 – 12:00, room: Berlin/West

OPENING CEREMONY

This is the official opening of the congress and will feature opening addresses from the congress presidents and the ECSS president together with some exciting local entertainment.

Opening reception sponsored by the City of Essen (pre-booking required)

The opening ceremony will be followed by an opening reception, which is also the official opening of the exhibition, with some finger food and a welcome drink sponsored by the City of Essen.

FEPSAC EVENING

Join the FEPSAC president, Anne-Marie Elbe, for an informal gathering after the opening reception to network and discuss. Registration required.

Wednesday, July 5, 2017, 21:30, Das Schön, Rüttenscheider Strasse 199, 45131 Essen

3RD BENGT SALTIN RUN (REGISTRATION REQUIRED)

The run is scheduled for Friday, July 7, 2017, at 07:00 in remembrance of ECSS founding member and ECSS Patron Prof. Bengt Saltin. It will take place in the Grugapark next to the venue, and the race track will be a 5km run consisting of two laps through the beautiful park.

FRIDAY NIGHT OUT

Two options are offered for you to spend your Friday night (July 7) with ECSS colleagues, friends, and acquaintances.

- Option 1: Classic version – a pub crawl at one of Essen's hotspots

Meeting Point: at 20:00 in front of the main entrance of Messe Essen

- Option 2: Rock & Pop version – an open air music festival in the famous Bermuda3eck of Bochum City

Meeting Point: at 18:00 in front of the info desk next to the registration

MOVIE LUNCH "TOWN OF RUNNERS"

We offer you an opportunity to watch an interesting documentary of Kenyan runners during the lunch break on Saturday.

Saturday, July 8, 2017, 12:55 – 14:00, room: Berlin/West

CLOSING CEREMONY

The closing ceremony will immediately follow the Young Investigators Award ceremony and will feature a thank you and goodbye from MetropolisRuhr and a presentation from the 23rd ECSS Congress in Dublin 2018.

ECSS CONGRESS PARTY (PRE-BOOKING REQUIRED)

The ECSS congress party will take place at Schöner Alfred (Delta Essen), Frohnhauser Str. 75, 45143 Essen on Saturday, July 8, 2017. Doors open at 19:45, with a buffet available from 20:30 until 22:30. This is a good time to network, socialise and enjoy again the great atmosphere of the ECSS congress and most importantly, DANCE! Pre-booking is required.

Schöner Alfred (Delta Essen) is easily accessible by public transport. The closest bus station is Westendstr., with line number 145, which is 15 minute ride from the Essen Main Railway Station (Hauptbahnhof). There is also a night bus taking you back to the main railway station every hour after midnight.

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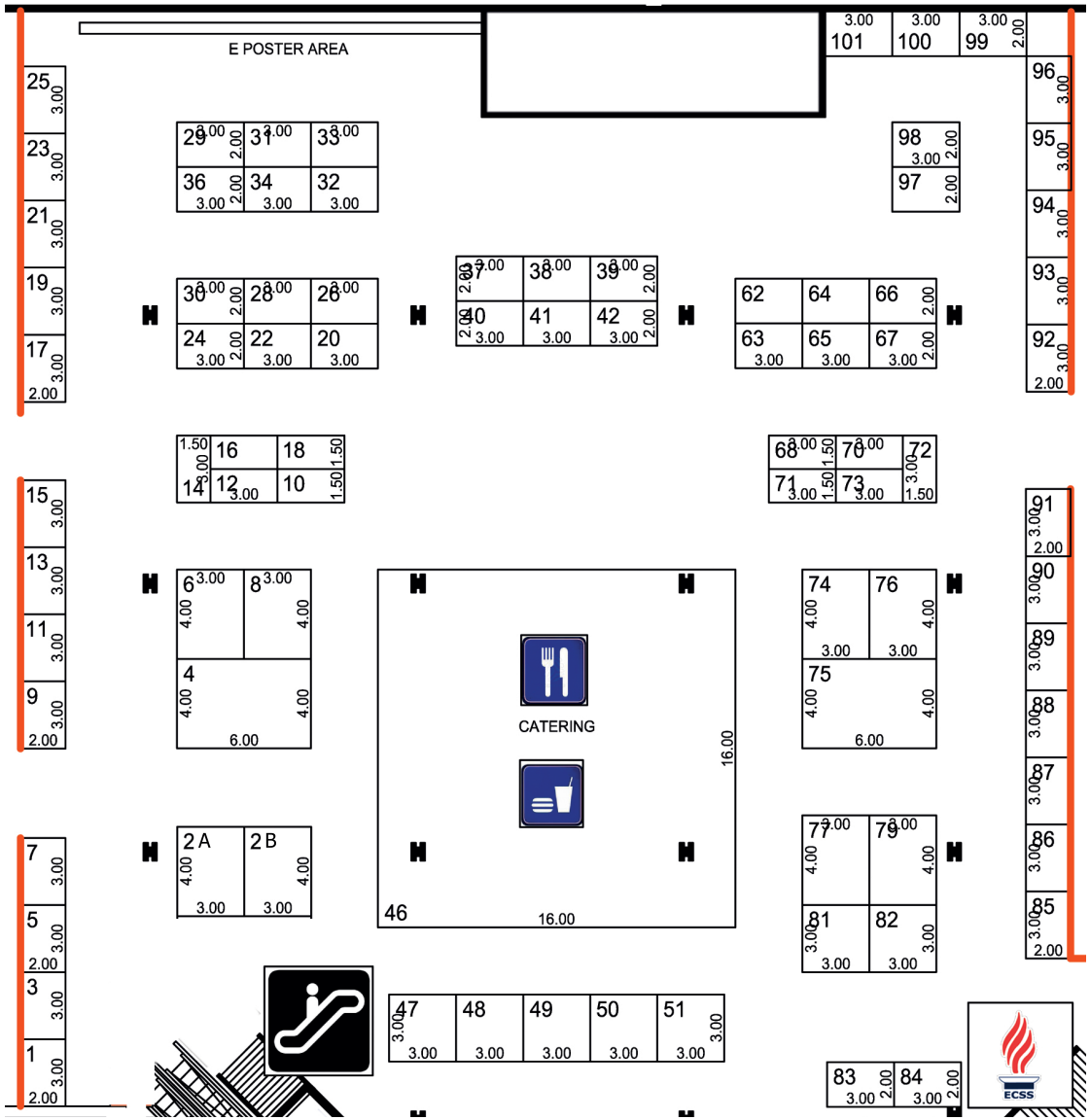
Congress Exhibitors



15 - 1080 MOTION AB

1080 Sprint and 1080 Quantum

SWEDEN

92 - ACTIVINSIGHTS LTD

Professional wearables

UNITED KINGDOM

26 - AMTI

Biomechanics force platform

USA

91 - ARTINIS MEDICAL SYSTEMS B.V.

Near Infrared Spectroscopy

THE NETHERLANDS

7 - BIOPAC SYSTEMS, INC.

Data Acqusiition Systems

USA

2A - BTS BIOENGINEERING

Motion analysis and advanced rehabilitation treatment devices

ITALY

97 & 98 - BUNDESINSTITUT FÜR SPORTWISSENSCHAFT (BISP)

Research management

GERMANY

37 - CAMNTECH LTD.

Actiheart

UNITED KINGDOM

9 - CAREFUSION GERMANY 234 GMBH

Lung function devices

GERMANY

49 & 50 - CATAPULT SPORTS PTY LTD

Athlete analytics

UNITED KINGDOM

36 - CHECKMYLEVEL

Checkmylevel solution

FINLAND

88 - CONTEMPLAS GMBH

Professional Motion Analysis Systems

GERMANY

10, 12, 16 & 18 - CORTEX BIOPHYSIK GMBH

CPET systems
Germany

68, 70, 71 & 73 - COSMED S.R.L.

Comprehensive Cardiopulmonary, Metabolic and Body Composition solutions for the Research, Sport Science and human Performance field

ITALY

51 - DELSYS INC.

Wearable sensors for movement sciences (EMG, IMU and other biomechanical and physiological sensors)

USA

19 - ECSS DUBLIN 2018

23rd annual congress of the ECSS, 4th to 7th July 2018

IRELAND

66 - EXELIO SRL

GPEXE System

ITALY

11 - FIRSTBEAT TECHNOLOGIES LTD.

Firstbeat Sports
Finland

64 - GAIT UP SA

Wearable Motion analysis solutions for professionals (Running, Gait, Activity monitoring,...)

SWITZERLAND

4 - H/P/COSMOS SPORTS & MEDICAL GMBH

h/p/cosmos treadmill solutions

GERMANY

17 - HUMAN KINETICS EUROPE LTD

Sport Science books

UNITED KINGDOM

40, 41 & 42 - HUR

Performance testing products and intelligent exercise equipment introducing automated Power and Intensity measurement

FINLAND

89 - INBODY

body composition analyzers

GERMANY

82 - JOURNAL OF SPORT AND HEALTH SCIENCE (JSHS)

SCI/SSCI indexed journal in sport/exercise/health sciences; IF: 1.685; Quarterly; Peer review; Open access; Hosted by Elsevier

CHINA

77 - KISTLER INSTRUMENTE AG

Force Plates, Force and Acceleration Sensors, Software for Perfomance and Balance analysis

SWITZERLAND

75 - LODE B.V.

Bicycle and treadmill ergometers as well as recumbent, arm and supine ergometers and ergometry software

THE NETHERLANDS

76 - MDT INT'L S.A.

Medical Devices

SWITZERLAND

13 - MEDICAP HOMECARE GMBH

topO2-Measurement, Hypoxie-Training

GERMANY

6 & 8 - MICROGATE SRL

Systems for training and performance evaluation

ITALY

Congress Exhibitors

20 & 22 - MONARK EXERCISE AB

Exercise bikes, cycle ergometers
SWEDEN

67 - MOTICON GMBH

Sensor insoles
GERMANY

72 - MOVISENS GMBH

Ambulatory assessment and mobile monitoring products as well as services for science and research
GERMANY

39 - MYON AG

Wireless electromyography and wireless inertial measurement units, software
SWITZERLAND

1 - PAL TECHNOLOGIES LTD

activPAL™ & Activator™ - research tools for objective measurement of free-living physical behaviours
SCOTLAND, UK

32 - PHYSIOFLOW / MANATEC BIOMEDICAL

Non-invasive cardiac output measurements
FRANCE

2B - PHYSIOMED ELEKTROMEDIZIN AG

High-quality equipment for tradidional an innovative physical and biomechanical diagnostics and therapy forms
GERMANY

14 - PODO MEDI NETHERLANDS B.V.

Podo-Orthesiology/Vitamines
THE NETHERLANDS

83 & 84 - POWERBREATHE INTERNATIONAL LTD

Inspiratory Muscle Training, Better Breathing and Altitude Simulation Training
UNITED KINGDOM

47 & 48 - RBM ELEKTRONIK-AUTOMATION GMBH

Cyclus2 - The Ergometer for Pros - performance diagnostics and training on your own bike
GERMANY

38 - REALTRACK SYSTEMS

Player Tracking Data System
SPAIN

79 - RENEW HEALTH LIMITED

Renew ECP Therapy
IRELAND

74 - ROUTLEDGE TAYLOR & FRANCIS GROUP

Publisher of European Journal of Sport Science
UNITED KINGDOM

87 - S. KARGER AG

Books
SWITZERLAND

65 - SIMI REALITY MOTION SYSTEMS GMBH

3D Motion Capture Systems
GERMANY

81 - SRM - SCHOBERER RAD MESSTECHNIK GMBH

SRM High Performance Ergometer, Powermeter, Indoortrainer
Germany

85 - TMG-BMC D.O.O.

TMG SI - System for muscle diagnostics
Slovenia

33 - UCAM UNIVERSITY

UCAM University
Spain

62 & 63 - VELAMED GMBH, QUALISYS AB, BERTEC CORP.

Biomechanic Full Supplier
Germany

3 - VICON MOTION SYSTEMS LTD.

Motion capture hardware and software
UNITED KINGDOM

5 - VICON MOTION SYSTEMS LTD.

Motion capture hardware and software
UNITED KINGDOM

100 & 99 - WISEPRESS LTD

Books & Journals
UNITED KINGDOM

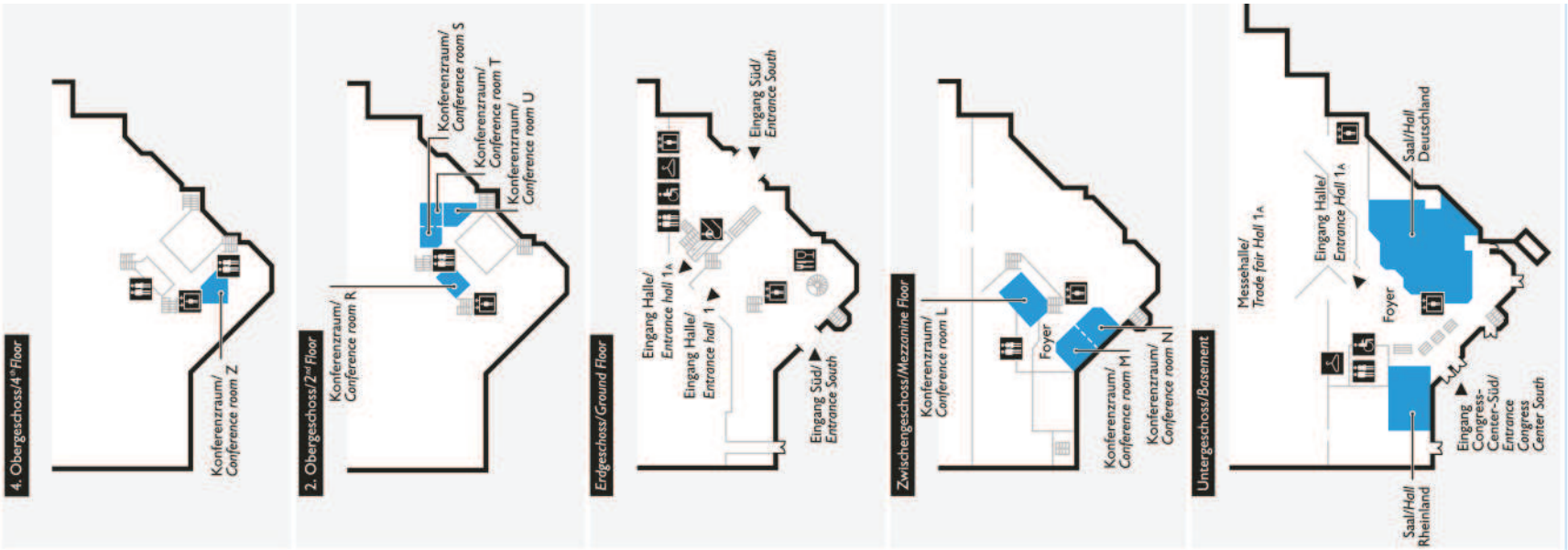
24 - WOODWAY GMBH

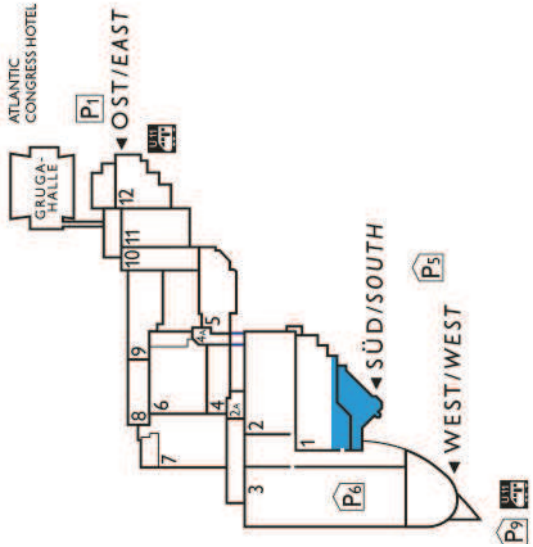
WOODWAY Treadmills for professional Sports, Fitness, Medical and Rehabilitation / WATTBIKE Indoor Training Bikes
Germany

Lecture Rooms

MESSE ESSEN | CONGRESS CENTER ESSEN | GRUGA HALLE

CONGRESS CENTER SÜD | SOUTH

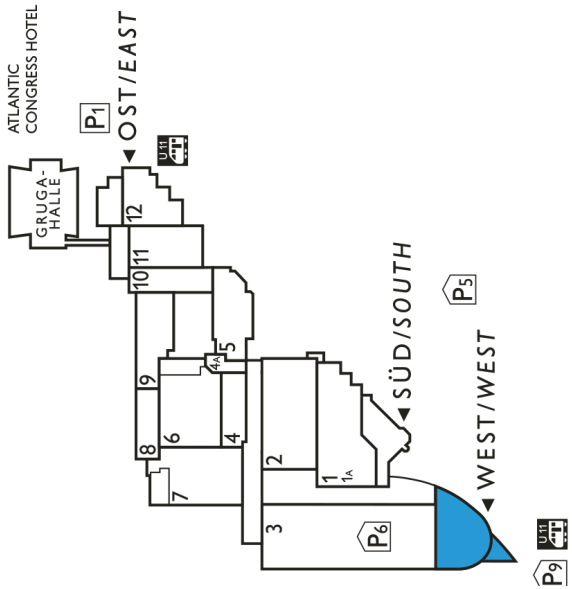


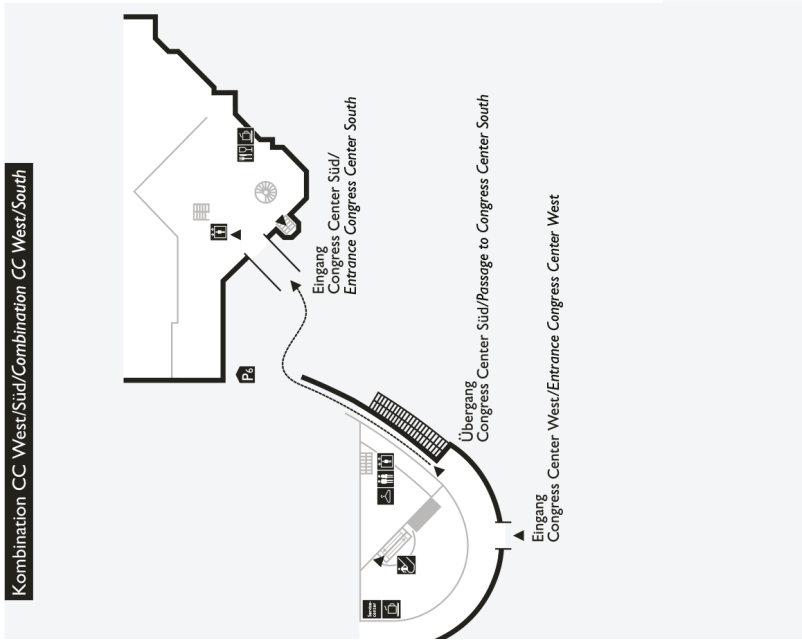


Lecture Rooms

MESSE ESSEN | CONGRESS CENTER ESSEN | GRUGA HALLE

CONGRESS CENTER WEST





Satellites

From the Lab to the Track – Current Aspects of Testing, Training and Recovery in Elite Sports – hosted by RUB

Tuesday, July 4, 2017
10:00 – 18:00
RUB - Bochum

2017 Catapult Performance Symposium – hosted by Catapult

Tuesday, July 4, 2017
13:00 –
Room: Berlin/West

Lab to the Field: Translation of Sports Nutrition into Practical Application – hosted by Gatorate Sport Science Institute (GSSI)

Wednesday, July 5, 2017
09:00 – 12:00
Room: Deutschland/South

ECSS Workshops

EWSSa - Publishing tips to help you succeed

Wednesday, July 5
10:30 – 12:00
Room: Brüssel/West

EWSSb - Rethinking 'Q'ualitative methods: From concept to practice

Wednesday, July 5
09:00 – 10:30
Room: M/South

Sponsored Workshop

Metabolic Power in Team Sports - Fundamentals, Applications and Controversies

Wednesday, July 5
09:00 – 10:30
Room: L/South

Evidence-based exercise prescription with cardiopulmonary exercise testing - hosted by Cortex

Wednesday, July 5
10:30 – 12:00
Room: Mailand/West

SimplifyForce Measurement, Analysis & Reporting Worldwide - hosted by Kistler

Wednesday, July 5
10:30 – 12:00
Room: New York/West

Analysing wearable data for performance and lifestyle - hosted by Activinsights

Wednesday, July 5
10:30 – 12:00
Room: M/South

Advances in Skeletal Muscle Function Assesment (ASMFA) – new journal introduction - hosted by TMG

Wednesday, July 5
10:30 – 12:00
Room: L/South

No Intensity Training... An Evidence Based Introduction to Renew Therapy in Aiding Sports Recovery and Performance - hosted by Renew Health

Thursday, July 6
12:45 – 14:00
Room: Rheinland/West

Performance monitoring muscle activation in real time, indoor and outdoor - hosted by WIMU PRO & Myontec

Date: Friday, July 7, 2017
Room: Mailand (South)
Time: 13:00 - 14:00

Please find more information here.
No registration required.

Awards

ECSS Young Investigators Award (YIA)

Presentations

Wednesday, July 5
Thursday, July 6
(Sessions marked YIA)

Finalists Presentations

(top 4 oral presentations)
Saturday, July 8
15:30 – 16:45
Room: Europa/West

Awards Ceremony

Saturday, July 8
17:30 – 18:00
Room: Europa/West

GSSI Nutrition Award

Finalists' Presentations

Wednesday, July 5
14:00 - 15:30
Room: Deutschland/South

Awards Ceremony

Wednesday, July 5
18:30 – 19:00
Room: Europa/West

Aspetar Excellence in Football Award

Finalists' Presentations

Wednesday, July 5
12:00 - 13:30
Room: Deutschland/South

Awards Ceremony

Wednesday, July 5
18:30 – 19:00
Room: Europa/West

EJSS Best Paper Award

Award ceremony

Saturday, July 8
18:00
Room: Europa/West

German Tennis Federation Award

Finalists' Presentations

Thursday, July 6
08:00 - 11:15
Room: New York/West

Awards Ceremony

Thursday, July 6
12:45 – 14:00
Room: New York/West

Special Interest Groups (SIG)

Environmental Physiology

Wednesday, July 5
10:30 - 12:00
Room: Rheinland/South

Elite Sport Performance

Thursday, July 6
14:00 - 15:30
Room: N/South

Sports Nutrition

Thursday, July 6
18:00 - 19:30
Room: Rheinland/South

ECSS General Assembly

ECSS General Assembly

Wednesday, July 5
11:00 – 12:00
Room: Berlin/West

Movie Lunch

Town of runners

Saturday, July 8
12:55 – 14:00
Room: Berlin/West

Media

Press conference

A press conference takes place on
Wednesday, July 5, 2017 at 10:00 – 10:30.
Room: N/South

Sport Science Slam

RUB

Tuesday, July 4
19:00 - 21:00
Hochschule für Gesundheit
Bochum, Gesundheitscampus Nord
Room: AudiMax

Plen

Plenary sessions

Wednesday, July 5th, 2017

17:15 - 18:30

Europa/West **PS-PL01**

INDIVIDUALITY - SOCIAL AND PHYSIOLOGIC PERSPECTIVES FOR FITNESS AND HEALTH

Chair(s):

PEDERSEN, B. [DENMARK]

GRIMMINGER-SEIDENSTICKER, E. [GERMANY]

17:15 PS-PL01-1
CONSUMERS, ACTIVE LEISURE AND PERFORMATIVE RATIONALIZATION
Sassatelli, R. [Italy]

17:55 PS-PL01-2
INDIVIDUALITY - A PHYSIOLOGICAL PERSPECTIVE
Hoppeler, H. [Switzerland]

Thursday, July 6th, 2017

11:30 - 12:45

Europa/West **PS-PL02**

DEVELOPMENT OF TALENTED PLAYERS TO WORLD CHAMPIONS IN FOOTBALL

Chair(s):

DUDA, J. [UNITED KINGDOM]

FERRAUTI, A. [GERMANY]

11:30 PS-PL02-1
DEVELOPING ELITE FOOTBALL PLAYERS: PRACTICE, SPECIFICITY, AND PLASTICITY
Williams, A. [United States]

12:10 PS-PL02-2
SCIENTIFIC SUPPORT FOR ELITE FOOTBALL - LESSONS FROM BRAZIL 2014
Meyer, T. [Germany]

Friday, July 7th, 2017

11:30 - 12:45

Europa/West **PS-PL03**

INCLUSION IN SPORT

Chair(s):

ABEL, T. [GERMANY]

JAITNER, T. [GERMANY]

11:30 PS-PL03-1
PROSTHESES AND ORTHOSES – HOW DO THEY EFFECT LOAD MANAGEMENT AND SPORTS PERFORMANCE?
Brüggemann, G. [Germany]

12:10 PS-PL03-2
THE BUSINESS OF INCLUSIVE SPORT: A PHILOSOPHICAL ANTHROPOLOGY OF UTOPIA
Howe, P. D. [United Kingdom]

Saturday, July 8th, 2017

11:30 - 12:45

Europa/West **PS-PL04**

BACK PAIN - PREVENTION AND THERAPY IN THE MODERN SOCIETY

Chair(s):

MAYER, F. [GERMANY]

PLATEN, P. [GERMANY]

11:30 PS-PL04-1
NEW INSIGHTS INTO MOTOR ADAPTATIONS IN LOW BACK PAIN AND NECK PAIN: IMPLICATIONS FOR SPORTS MEDICINE AND REHABILITATION
Falla, D. [United Kingdom]

12:10 PS-PL04-2
PHYSICAL ACTIVITY AND BIOPSYCHOSOCIAL MODULATION IN MUSCULOSKELETAL PAIN: HOW TO CONCEPTUALIZE HEALTH-PROMOTING ACTIVITY?
Hasenbring, M. [Germany]

Wednesday, July 5th, 2017

12:00 - 13:30

Europa/West OP-PM03

ENDURANCE AND PERFORMANCE

Chair(s):

Hartmann, U. [Germany]

Beneke, R. [Germany]

12:00 [YIA] OP-PM03-1
A COMPARISON OF DICARBONYL STRESS AND ADVANCED GLYCATION ENDPRODUCTS IN LIFELONG ENDURANCE ATHLETES VERSUS SEDENTARY CONTROLS
MAESSEN, M. ET AL [NETHERLANDS]

12:15 [YIA] OP-PM03-2
DIETARY NITRATE SUPPLEMENTATION ATTENUATES PROGRESSIVE LOSS OF EFFICIENCY DURING PROLONGED MODERATE-INTENSITY EXERCISE
TAN, R. ET AL [UNITED KINGDOM]

12:30 [YIA] OP-PM03-3
HOW DO ELITE CYCLISTS COMBINE HIGH SPRINT AND ENDURANCE PERFORMANCE?
VAN DER ZWAARD, S. ET AL [NETHERLANDS]

12:45 [YIA] OP-PM03-4
INFLUENCE OF LIGHT EXPOSURES ON CYCLING PERFORMANCE AND MELATONIN LEVELS IN MALE ELITE ENDURANCE ATHLETES – A DOUBLE-BLIND RANDOMIZED CONTROLLED TRIAL
KNAIER, R. ET AL [SWITZERLAND]

13:00 [YIA] OP-PM03-5
MUSCULOSKELETAL CHARACTERISTICS FOR ELITE DISTANCE RUNNERS AND NON-COMPETITIVE KENYANS
KUNIMASA, Y. ET AL [JAPAN]

13:15 [YIA] OP-PM03-6
EFFECT OF DIFFERENT MORNING PRIMING EXERCISES ON AFTERNOON PERFORMANCE IN ROAD CYCLISTS
DONGHI, F. ET AL [ITALY]

Deutschland/South OP-PM02

ASPETAR FOOTBALL SCIENCE AWARD

Chair(s):

Hopkins, W. [Australia]

Ali, A. [New Zealand]

Coutts, A. [Australia]

12:00 [YIA] OP-PM02-1
THE EFFECT OF IN-GAME FOOTBALL COOLING STRATEGIES UPON CORE TEMPERATURE
CHALMERS, S. ET AL [AUSTRALIA]

12:15 OP-PM02-2
BETTER MATCH PHYSICAL PERFORMANCE ACHIEVED IN PROFESSIONAL FOOTBALL WITH HIGHER VARIABILITY DURING TRAINING: A MACHINE-LEARNING APPROACH
FERNÂNDEZ, J. ET AL [SPAIN]

12:30 OP-PM02-3
PERFORMANCE, PHYSIOLOGICAL AND PSYCHOLOGICAL EFFECTS OF ADDITIONAL COGNITIVE WORKLOAD DURING SMALL-SIDED SOCCER GAMES
BOSIO, A. ET AL [ITALY]

12:45 OP-PM02-4
MULTIVARIATE MODELLING OF NON-CONTACT INJURY RISK IN ELITE AUSTRALIAN FOOTBALLERS
COLBY, M. ET AL [AUSTRALIA]

13:00 OP-PM02-5
SCHEDULING OF INJURY PREVENTION EXERCISES DURING THE SOCCER MICROCYCLE: INSIGHTS FROM MUSCLE DAMAGE, SORENESS AND PERFORMANCE RECOVERY PROFILES
LOVELL, R. ET AL [AUSTRALIA]

Panorama/West OP-PM61

CARDIOVASCULAR EFFECTS OF EXERCISE

Chair(s):

González-Alonso, J. [United Kingdom]

Hecksteden, A. [Germany]

12:00 OP-PM61-1
LINKAGE BETWEEN HEART RATE KINETICS AND CARDIOVASCULAR CONTROL DURING ORTHOSTATIC STRESS
KOSCHATE, J. ET AL [GERMANY]

12:15 OP-PM61-2
MIXED-EFFECTS MODELLING OF HEART RATE VARIABILITY INDICES IN ELITE SWIMMERS
PERERA-LLUNA, A. ET AL [SPAIN]

12:30 OP-PM61-3
PHYSICAL TRAINING PROMOTES SIMILAR EFFECTS TO THE BLOCKADE OF ANGIOTENSIN-CONVERTING ENZYME ON THE CARDIAC MORPHOLOGY AND FUNCTION IN OLD FEMALE RATS SUBJECTED TO PREMATURE OVARIAN FAILURE
SOUZA, H. ET AL [BRAZIL]

12:45 OP-PM61-4
THE EFFECT OF SEDENTARY BEHAVIOUR ON CARDIOVASCULAR BIOMARKERS IN ACTIVE, HEALTHY ADULTS.
HOLDER, S. ET AL [UNITED KINGDOM]

13:00 OP-PM61-5
NON-INVASIVE EVALUATION OF CARDIOVASCULAR AND METABOLIC RESPONSES TO ARM AND LEG EXERCISE IN ELITE KAYAKERS
ZUCCARELLI, L. ET AL [ITALY]

Berlin/West OP-BN02

MUSCLE-TENDON FUNCTION

Chair(s):

Seynnes, O. [Norway]

Baar, K. [United States]

12:00 [YIA] OP-BN02-1
MUSCLE-TENDON LENGTH AND FORCE AFFECT HUMAN TIBIALIS ANTERIOR CENTRAL APONEUROSIS STIFFNESS IN VIVO
RAITERI, B. ET AL [AUSTRALIA]

12:15 [YIA] OP-BN02-2
MUSCLE-TENDON INTERACTION DURING AN ENERGY DISSIPATION TASK
WERKHAUSEN, A. ET AL [NORWAY]

12:30 [YIA] OP-BN02-3
MONITORING MUSCLE-TENDON ADAPTATION IN ELITE ATHLETES: PRELIMINARY DATA FROM A 1-YEAR LONGITUDINAL INVESTIGATION
KÖNIG, M. ET AL [GERMANY]

12:45 [YIA] OP-BN02-4
ACHILLES TENDON MECHANOSENSITIVITY IS PRESERVED IN OLD AGE: IN VIVO EVIDENCE FROM A 1.5 YEARS LONG RESISTANCE TRAINING INTERVENTION
EPRO, G. ET AL [GERMANY]

13:00 [YIA] OP-BN02-5
EIGHT WEEKS OF PROGRESSIVE RESISTANCE TRAINING DO NOT CHANGE PLANTARFLEXOR MUSCLE-TENDON PROPERTIES IN CHILDREN WITH SPASTIC CEREBRAL PALSY
KRUSE, A. ET AL [AUSTRIA]

13:15 [YIA] OP-BN02-6
THE EFFECT OF COLD WATER IMMERSION ON MEDIAL GASTROCNEMIUS MUSCLE ARCHITECTURE AND PERFORMANCE POST-EXHAUSTIVE STRETCH-SHORTENING CYCLE EXERCISE
KOSITSKY, A. ET AL [FINLAND]

Rheinland/South OP-PM60

STROKE AND PARKINSON DISEASES

Chair(s):

Taube, W. [Switzerland]

Hauer, R. [Austria]

12:00 OP-PM60-1
EFFECTS OF A SINGLE SESSION OF BIHEMISPHERIC TRANSCRANIAL DIRECT CURRENT STIMULATION ON THE STRENGTH AND ACTIVATION LEVEL OF KNEE EXTENSORS IN PATIENTS WITH STROKE.
GEIGER, M. ET AL [FRANCE]

12:15 OP-PM60-2
CO-CONTRACTION OF LOWER LIMB MUSCLES DURING GAIT IN POST-STROKE PATIENTS
SOUISSI, H. ET AL [FRANCE]

12:30 OP-PM60-3
CORRELATION BETWEEN STRENGTH AND FUNCTIONAL TESTS IN ELDERLY PEOPLE WITH PARKINSON'S DISEASE
CLAEL, S. ET AL [BRAZIL]

12:45 OP-PM60-4
ARE ANTICIPATORY POSTURAL ADJUSTMENTS PRIOR TO GAIT INITIATION COMPROMISED IN PEOPLE WITH PARKINSON'S DISEASE WITH FREEZING OF GAIT?
SCHLENSTEDT, C. ET AL [GERMANY]

13:00 OP-PM60-5
PERTURBATION DURING TREADMILL TRAINING IMPROVES DYNAMIC BALANCE AND GAIT IN PARKINSON'S DISEASE: A SINGLE-BLIND RANDOMIZED CONTROLLED PILOT TRIAL
STEIB, S. ET AL [GERMANY]

New York/West OP-PM05

PARALYMPICS

Chair(s):

Müller, A. [Germany]

Hoos, O. [Germany]

12:00 [YIA] OP-PM05-1
RELATIONSHIP BETWEEN PHYSIOLOGY AND PERFORMANCE OF HANDCYCLING IN ABLE-BODIED SUBJECTS
QUITTMANN, O.J. ET AL [GERMANY]

12:15 OP-PM05-2
EVALUATION OF DIFFERENT BLOOD LACTATE THRESHOLD CONCEPTS FOR CONSTANT LOAD PERFORMANCE PREDICTION IN HAND-CYCLING
STANGIER, C. ET AL [GERMANY]

12:30 OP-PM05-3
WHAT DOES "INCLUSIVITY" MEAN WHILE PLAYING SITTING VOLLEYBALL? : FOCUSING ON THE COMPETITION BETWEEN DISABLED AND NON-DISABLED PLAYERS
TANAKA, A. [JAPAN]

12:45 OP-PM05-4
HEAD IMPACT OF SLALOM GATES ON PARA-LYMPIC ALPINE SIT-SKIERS - A PILOT STUDY
GOLL, M. ET AL [GERMANY]

13:00 OP-PM05-5
PARTICIPATION IN PHYSICAL ACTIVITY OF CHILDREN AND YOUTH WITH DISABILITIES
ZUELL, A. ET AL [GERMANY]

Mailand/West OP-BN09

MOVEMENT VARIABILITY

Chair(s):

Ainsworth, B. [United States]

McPhee, J. [United Kingdom]

12:00 OP-BN09-1
DIFFERENTIAL LEARNING APPLIED IN STRENGTH TRAINING FOR WOMEN
BUDIJA, N.C. ET AL [AUSTRIA]

12:15 OP-BN09-2
TOWARDS THE CONTROL OF MINIMAL TOE CLEARANCE IN WALKING
HAMACHER, D. ET AL [GERMANY]

12:30 OP-BN09-3
IS THERE A DIFERENCE IN THE CONTROL OF THE DOMINANT LEG COMPARED TO THE NON-DOMINANT LEG?
PROMSRI, A. ET AL [AUSTRIA]

12:45 OP-BN09-4
THE EFFECT OF ISOTROPY BIAS FOR OWN MOTOR VARIABILITY ON AIMING POINT IS LIMITED
YAMAMOTO, H. ET AL [JAPAN]

13:00 OP-BN09-5
VARIABLE INERTIA TRAINING: OPTIMIZATION OF EXPLOSIVE-POWER EXERCISES WITH ROBOTIC-RESISTANCE STRENGTH MACHINES
BISCARINI, A. ET AL [ITALY]

13:15 OP-BN09-6
COMPARING A MOVEMENT AND SKILL ADAPTABILITY PROGRAM TO A CONVEN-TIONAL TENNIS TRAINING PROGRAM
POTTER, A. ET AL [AUSTRALIA]

Brüssel/West OP-BN01

MOTOR CONTROL: SKILL ACQUISITION

Chair(s):

Schmitz, G. [Germany]

Muehlbauer, T. [Germany]

12:00 [YIA] OP-BN01-1
PRACTICING A MOTOR SKILL WITH ONE HAND DISRUPTS EARLY CONSOLIDATION OF ANOTHER SKILL PREVIOUSLY ACQUIRED WITH THE OTHER HAND
RUFFIEUX, J. ET AL [SWITZERLAND]

12:15 [YIA] OP-BN01-2
EFFECTS OF REAL-TIME AUDITORY FEEDBACK ON PROPRIOCEPTIVE ACCURACY
GHAI, S. ET AL [GERMANY]

12:30 [YIA] OP-BN01-3
SURROUND INHIBITION IS INSTANTLY MODU-LATED BY CHANGING THE ATTENTIONAL FOCUS
KUHN, Y. ET AL [SWITZERLAND]

12:45 OP-BN01-4
THE EFFECT OF ATTENTIONAL FOCUS ON MINDFULNESS DURING A 6-WEEK BALANCE EXERCISE TRAINING PROGRAM IN YOUNG ADULTS
PANTANO, K. ET AL [UNITED STATES]

13:00 OP-BN01-5
MOTOR VARIABILITY IN DIFFERENCIAL LEARN-ING COMPARED WITH LOW, INCREASING AND HIGH CONTEXTUAL INTERFERENCE IN A BASKETBALL TASK
BECKMANN, H. ET AL [GERMANY]

L/South OP-PM16

TRAINING IN KINDERGARTEN AND SCHOOL

Chair(s):

McNarry, M. [United Kingdom]

Williams, C. [United Kingdom]

12:00 [YIA] OP-PM16-1
FEASIBILITY AND EFFECTIVENESS OF A PHYSI-CAL ACTIVITY INTERVENTION DURING RECESS IN PRIMARY SCHOOL
CASOLO, A. ET AL [ITALY]

12:15 OP-PM16-2
PROFILING MOVEMENT QUALITY, MOTOR COMPETENCE AND GAIT CHARACTERISTICS IN 3-5 YEAR OLD CHILDREN
CLARK, C.C.T. ET AL [UNITED KINGDOM]

12:30 OP-PM16-3
THE IMPACT OF SUMMER HOLIDAYS AND SCHOOL DEPRIVATION INDEX UPON CARDI-ORESPIRATORY FITNESS LEVELS IN PRIMARY SCHOOL CHILDREN
MANN, S. ET AL [UNITED KINGDOM]

12:45 OP-PM16-4
COMPARISON OF THREE METHODS OF PHYSI-CAL ACTIVITY TRAINING ON BODY COMPO-SITION, PHYSICAL FITNESS FACTORS AND BLOOD PRESSURE AMONG OVERWEIGHT OR OBESE PRIMARY SCHOOL GIRLS
ZIDASHTI, Z. [IRAN]

13:00 OP-PM16-5
THE SPORT EXPERIENCE AND BALANCE CONTROL: A DEVELOPMENTAL PERSPECTIVE
OLIVEIRA, A. ET AL [BRAZIL]

M/South OP-SH01

COGNITION AND WELLBEING

Chair(s):

Ando, S. [Japan]

Abeln, V. [Germany]

12:00 [YIA] OP-SH01-1
EFFECT OF HIGH-GROOVE MUSIC COMBINED WITH MILD EXERCISE ON MOOD AND EXECU-TIVE FUNCTION
FUKUIE, T. ET AL [JAPAN]

12:15 [YIA] OP-SH01-2
THE INTERACTIVE EFFECT OF WANTED, RE-QUESTED AND RECEIVED SOCIAL SUPPORT ON SUPPORT SATISFACTION AND AFFECT
FU, D. ET AL [UNITED KINGDOM]

12:30 [YIA] OP-SH01-3
THE INFLUENCE OF MUSIC ON REAL-LIFE PHYSICAL ACTIVITY: AN EEG STUDY
BIGLIASSI, M. ET AL [UNITED KINGDOM]

12:45 [YIA] OP-SH01-4
COGNITIVE IMPAIRMENT IS ACCOMPA-NIED BY LOWER PHYSICAL ACTIVITY LEVELS AMONG ELDERLY WITH MEMORY COM-PLAINTS
STUCKENSCHNEIDER, T. ET AL [GERMANY]

N/South OP-SH03

SPORT ORGANISATION AND POLITICS

Chair(s):

Luh, A. [Germany]

Mutz, M. [Germany]

12:00 OP-SH03-1
SPORTS GOVERNANCE IN METROPOLITAN REGIONS. THEORETICAL AND EMPIRICAL IMPLICATIONS
TROSIEN, G. ET AL [GERMANY]

12:15 OP-SH03-2
INDEPENDENCE OF INDEPENDENT SPORTS FEDERATIONS OF TURKEY
ÖZGÜN, A. ET AL [TURKEY]

12:30 OP-SH03-3
ORGANIZATION DEVELOPMENT THROUGH SPORT PROGRAMS – THE CASE OF THE PROGRAM „BEWEGT ÄLTER WERDEN IN NRW"
DEITERSEN-WIEBER, A. ET AL [GERMANY]

12:45 OP-SH03-4
THE SPORTS ORGANIZATIONS ROLE TO COUNTER TERRORISM 'A STRATEGIC STUDY OF THE EGYPTIAN SPORTS CLUBS'
ABDELKHALEK, M. [EGYPT]

13:00 OP-SH03-5
THE DEVELOPMENT OF HIGH PERFORMANCE SPORT THROUGH LEAGUE SYSTEMS IN INDIVIDUAL SPORTS
ZIMMERMANN, T. ET AL [GERMANY]

Wednesday, July 5th, 2017

14:00 - 15:30

Europa/West OP-PM07

HYPOXIA AND ALTITUDE

Chair(s):

Girard, O. [Qatar]

Krusche, T. [Germany]

14:00 [YIA] OP-PM07-1
CONSUMPTION OF A HIGH FAT BREAKFAST ATTENUATES THE SUPPRESSION OF APPETITE AND ACYLATED GHRELIN DURING EXERCISE AT 4300M SIMULATED ALTITUDE
MATU, J. ET AL [UNITED KINGDOM]

14:15 [YIA] OP-PM07-2
PERFORMANCE CHANGES FOLLOWING LHTH AT 1600 OR 1800 M IN NATIONAL LEVEL RUNNERS
SHARMA, A. ET AL [AUSTRALIA]

14:30 OP-PM07-3
THE EFFECTS OF CLASSIC ALTITUDE TRAINING ON HEMOGLOBIN MASS IN ELITE ENDURANCE ATHLETES
VIKMOEN, O. ET AL [NORWAY]

14:45 OP-PM07-4
EFFECT OF HYPOXIA ON WORK ABOVE CRITICAL POWER, MUSCLE ACTIVATION AND FATIGUE DURING INTERMITTENT HIGH-INTENSITY CYCLING
TOWNSEND, N. ET AL [QATAR]

15:00 OP-PM07-5
THE RELATIONSHIP BETWEEN INTER-INDIVIDUAL VARIATION OF SPO2 AND ENDOCRINE RESPONSES UNDER MODERATE HYPOXIC CONDITION
MORI, H. ET AL [JAPAN]

15:15 OP-PM07-6
EFFECT OF SWIM INTENSITY ON RESPONSES TO DYNAMIC APNEA
GUIMARD, A. ET AL [FRANCE]

Deutschland/South OP-PM01

GSSI NUTRITION AWARD

Chair(s):

Breen, L. [United Kingdom]

Raastad, T. [Norway]

14:00 [YIA] OP-PM01-1
SIMILAR METABOLIC AND FUNCTIONAL RESPONSE TO BEETROOT JUICE SUPPLEMENTATION DURING REPEATED WINGATE TESTS IN RECREATIONAL, COMPETITIVE AND ELITE ATHLETES
JONVIK, K.L. ET AL [NETHERLANDS]

14:15 [YIA] OP-PM01-2
EFFECT OF ADJUVANT B-HYDOXY-B-METHYLBUTYRATE SUPPLEMENTS ON HYPERTROPHIC, FUNCTIONAL AND METABOLIC RESPONSES TO RESISTANCE EXERCISE TRAINING IN OLDER MEN
DIN, U. ET AL [UNITED KINGDOM]

14:30 OP-PM01-3
POST-PRANDIAL PROTEIN HANDLING FOLLOWING INGESTION OF DIFFERENT AMOUNTS OF PROTEIN DURING POST-EXERCISE RECOVERY IN OLDER MALES
HOLWERDA, A.M. ET AL [NETHERLANDS]

14:45 OP-PM01-4
EFFECTS OF TEN MONTHS OF INTERMITTENT FASTING ON STRENGTH, BODY COMPOSITION AND METABOLISM IN ATHLETES
PAOLI, A. ET AL [ITALY]

15:00 OP-PM01-5
PROTEIN SUPPLEMENTATION, WHAT IS REALLY NEEDED TO IMPROVE MUSCLE MASS AND PERFORMANCE GAIN?
FABRE, M. ET AL [FRANCE]

Panorama/West OP-PM53

ANKLE AND ACL INJURIES

Chair(s):

Cabri, J. [Norway]

Levin, O. [Belgium]

14:00 OP-PM53-1
CHANGES IN DYNAMIC STABILITY AFTER ACL RECONSTRUCTION AND REHABILITATION
KRAFFT, F.C. ET AL [GERMANY]

14:15 OP-PM53-2
AUGMENTED FEEDBACK TO REDUCE ACL INJURY RISK IN VOLLEYBALL PLAYERS: A SINGLE BLIND, RANDOMIZED CONTROLLED TRIAL.
BOSSARD, D. ET AL [IRELAND]

14:30 OP-PM53-3
DEFICITS IN SUBTALAR FORCE SENSE AND JOINT POSITION SENSE IN SUBJECTS WITH UNSTABLE ANKLES
HAGEN, M. ET AL [GERMANY]

14:45 OP-PM53-4
THE EFFECTS OF EARLY PROPRIOCEPTIVE TRAINING ON BALANCE AND REACTION TIME IN ACUTE ANKLE INVERSION TRAUMA
YIGIT, B. ET AL [TURKEY]

15:00 OP-PM53-5
SPORT INJURY PREVENTION IN INDIVIDUALS WITH CHRONIC ANKLE INSTABILITY: FASCIAL MANIPULATION VS CONTROL GROUP RANDOMIZED CONTROLLED TRIAL
BRANDOLINI, S. ET AL [ITALY]

15:15 OP-PM53-6
CHRONIC ANKLE INSTABILITY IS ASSOCIATED WITH DEFICITS IN PROXIMAL LOWER LIMB STRENGTH AND BALANCE: A CASE-CONTROL STUDY
KHALAJ, N. ET AL [AUSTRALIA]

Berlin/West OP-PM09

PERFORMANCE AND RECOVERY

Chair(s):

Kellmann, M. [Germany]

Trompeter, K. [Germany]

14:00 [YIA] OP-PM09-1
EFFECTS OF POST-EXERCISE SAUNA BATHING ON RECOVERY OF SWIM PERFORMANCE
SCHIMPCHEN, J. ET AL [GERMANY]

14:15 [YIA] OP-PM09-2
EFFECT OF PLYOMETRIC TRAINING ON SPRINT PERFORMANCE IN PREADOLESCENT BOYS
TOTTORI, N. ET AL [JAPAN]

14:30 [YIA] OP-PM09-3
A RETROSPECTIVE ANALYSIS OF ATHLETIC PERFORMANCE DEVELOPMENT IN ELITE JUNIOR TENNIS PLAYERS: A SEVEN YEAR REVIEW
FETT, J. ET AL [GERMANY]

14:45 OP-PM09-4
RECOVERY OF CYCLING GROSS EFFICIENCY AFTER TIME-TRIAL EXERCISE
VAN DE WESTELAKEN, L. [NETHERLANDS]

15:00 OP-PM09-5
WHOLE- BODY COMPRESSION GARMENTS AND NEUROMUSCULAR ELECTRICAL STIMULATION DO NOT PROMOTE RECOVERY FROM A CROSS-COUNTRY SPRINT SKIING COMPETITION IN ELITE SKIERS
GOVUS, A. ET AL [SWEDEN]

Rheinland/South OP-PM39

HEALTH AND FITNESS IN CHILDREN AND ADOLESCENTS 1

Chair(s):

Pieles, G. [United Kingdom]

Muehlbauer, T. [Germany]

14:00 OP-PM39-1
CHILDREN AND ADOLESCENT'S INTERPRETATIONS AND UNDERSTANDING OF 3D PRINTED MODELS OF PHYSICAL ACTIVITY
CROSSLEY, S.G.M. ET AL [UNITED KINGDOM]

14:30 OP-PM39-2
ADIPOSITY, MUSCULAR FITNESS AND CARDIOVASCULAR RISK FACTORS IN ADOLESCENTS: DEFINING ROLES THROUGH MEDIATION ANALYSIS.
PÉREZ-PÉREZ, A. ET AL [SPAIN]

14:45 OP-PM39-3
CARDIORESPIRATORY FITNESS CUT POINTS FOR EARLY DETECTION OF CARDIOVASCULAR RISK IN CHILDREN: A FOLLOW-UP STUDY
CASTRO-PIÑERO, J. ET AL [SPAIN]

15:00 OP-PM39-4
ACUTE EFFECTS OF EXERCISE ON NEUROPHYSIOLOGICAL INDICES OF INHIBITORY CONTROL IN CHILDREN WITH ADHD
LUDYGA, S. ET AL [SWITZERLAND]

15:15 OP-PM39-5
CHILDREN WITH MODERATE TO SEVERE INTELLECTUAL DISABILITY HAVE LOW PHYSICAL FITNESS LEVELS.
WOUTERS, M. ET AL [NETHERLANDS]

New York/West OP-BN04

NEUROPHYSIOLOGY

Chair(s):

Ishikawa, M. [Japan]

Folland, J. [United Kingdom]

14:00 [YIA] OP-BN04-1
RATE OF TORQUE DEVELOPMENT IS ASSOCIATED WITH MUSCLE FIBER CONDUCTION VELOCITY IN POWER ATHLETES
DEL VECCHIO, A. ET AL [ITALY]

14:15 [YIA] OP-BN04-2
NEURAL CORRELATES OF EXPERT VISUOMOTOR PERFORMANCE AS REVEALED BY VISUAL EVOKED POTENTIALS
HÜLSDÜNKER, T. ET AL [GERMANY]

14:30 [YIA] OP-BN04-3
MOTOR IMAGERY COMBINED WITH SENSORY ELECTRICAL STIMULATION INDUCES SPECIFIC SPINAL AND CORTICOSPINAL MODULATIONS
TRAVERSE, E. ET AL [FRANCE]

14:45 [YIA] OP-BN04-4
EFFECTS OF 1-HOUR ACHILLES TENDON VIBRATION ON POSTURAL CONTROL IN YOUNG AND OLDER ADULTS
PENZER, F. ET AL [BELGIUM]

15:00 [YIA] OP-BN04-5
MODULATION OF THE SOLEUS H REFLEX WHEN ASCENDING AND DESCENDING A STAIRCASE IN YOUNG AND OLDER ADULTS
JOHANNSSON, J. ET AL [BELGIUM]

15:15 OP-BN04-6
ACUTE EFFECTS OF MOTOR IMAGERY ON SPINAL FACILITATION AND INHIBITION
GROSPRETRE, S. ET AL [FRANCE]

Mailand/West OP-BN07

BIOMECHANICS: SOCCER

Chair(s):

Gollhofer, A. [Germany]

Wagner, H. [Austria]

14:00 OP-BN07-1
RELATIONSHIP BETWEEN MUSCLE SIZE OF PSOAS MAJOR AND KICKED BALL SPEED IN SOCCER PLAYERS.
WAKAHARA, T. ET AL [JAPAN]

14:15 OP-BN07-2
CAN FOOTBALL GOALKEEPERS DIVE FASTER?
IBRAHIM, R. ET AL [NETHERLANDS]

14:30 OP-BN07-3
NO DIFFERENCES IN MUSCLE AND TENDON TISSUE PROPERTIES OF COMPETITIVE FOOTBALL GOALKEEPERS AND MIDFIELDERS: A PILOT-STUDY
KONRAD, A. ET AL [AUSTRIA]

14:45 OP-BN07-4
WITHIN SESSION SEQUENCING EFECTS OF BALANCE AND PLYOMETRIC EXERCISES ON PHYSICAL PERFORMANCE IN YOUTH SOCCER ATHLETES
CHAOUACHI, A. ET AL [TUNISIA]

15:00 OP-BN07-5
EXPLOSIVE TECHNICAL ACTIONS INCREASE FATIGUE INDEX IN THE RSA UIRFIDE SOCCER TEST
BLASCO-LAFARGA, C. ET AL [SPAIN]

Brüssel/West OP-PM17

COMBAT SPORTS

Chair(s):

Gerber, M. [Switzerland]

Abel, T. [Germany]

14:00 OP-PM17-1
PHYSIOLOGICAL RESPONSES AND ENERGY EXPENDITURE MEASUREMENT DURING SIMULATED TAEKWONDO COMBAT PAD-WORK PROTOCOLS: INFLUENCE OF DIFFERENT WORK:REST RATIOS.
LANGAN-EVANS, C. ET AL [UNITED KINGDOM]

14:15 OP-PM17-2
STANDARDIZING A WHOLE-BODY ACCUSTIC-BASED ENDURANCE TEST IN U15 GERMAN JUDO ATHLETES – APPROACHING PERCENTILE RANKS
KIRBSCHUS, K. ET AL [GERMANY]

14:30 OP-PM17-3
ENERGY SYSTEM CONTRIBUTIONS IN UPPER- AND LOWER-BODY WINGATE TESTS IN JUDO ATHLETES
FRANCHINI, E. ET AL [BRAZIL]

14:45 OP-PM17-4
ACUTE EFFECTS OF DIFFERENT WARM UP PROTOCOLS, ON 30 M. SPEED, FLEXIBILITY, VERTICAL JUMP, STRENGTH, BALANCE AND ANAEROBIC POWER PERFORMANCES IN JUDOKAS
EKEN, Ö. ET AL [TURKEY]

15:00 OP-PM17-5
QUANTIFYING NEUROMUSCUALR FATIGUE INDUCED BY REPEATED THAI-STYLE ROUNDHOUSE KICKS
CIMADORO, G. ET AL [UNITED KINGDOM]

15:15 OP-PM17-6
EPIDEMIOLOGY OF COMPETITION INJURIES IN OLYMPIC-STYLE JUDO ATHLETES: A PROSPECTIVE COHORT STUDY
DUŠANA, C. ET AL [SLOVAKIA]

L/South OP-PM62

METHODS IN EXERCISE PHYSIOLOGY 1

Chair(s):

McPhee, J. [United Kingdom]

Beneke, R. [Germany]

14:00 OP-PM62-1
WEELCHAIR BASKETBALL: ARE ARM CRANK AND WHEELCHAIR TREADMILL ERGOMETRY SUITABLE ASSESSMENT TOOLS?
REER, R. ET AL [GERMANY]

14:15 OP-PM62-2
A CROSS-SECTIONAL STUDY ON SARCOPENIA USING DIFFERENT METHODS: REFERENCE VALUES FOR HEALTHY SAUDI YOUNG MEN
AL-KAHTANI, S. [SAUDI ARABIA]

14:30 OP-PM62-3
ESTIMATION OF THE MECHANICAL POWER FOR THE SELF-MOVEMENT OF THE EXTREMITIES IN THE ENDURANCE SPORTS DEPENDING ON THE MOVEMENT FREQUENCY
CLAUSS, M. ET AL [GERMANY]

14:45 OP-PM62-4
THE IMPACT OF LOAD CARRIAGE ON LADDER ERGOMETER CLIMBING
BARRON, P.J. ET AL [UNITED KINGDOM]

15:00 OP-PM62-5
MORE INSIGHT INTO ANAEROBIC CAPACITY: W' AND ANAEROBIC WORK PERFORMED COMPARED
TE POELE, K.J.A. ET AL [NETHERLANDS]

15:15 OP-PM62-6
SIMULATED ECCENTRIC AND CONCENTRIC SHOCKS - IMPACT ON FORCE, TIME AND KNEE ANGLE PARAMETERS
RASCHNER, C. ET AL [AUSTRIA]

M/South OP-SH02

HISTORY AND ETHICS

Chair(s):

Müller, A. [Germany]

Luh, A. [Germany]

14:00 [YIA] OP-SH02-1
EARLY DEVELOPMENTAL ENVIRONMENT AND OLYMPIC SUCCESS: HISTORICAL ANALYSIS OF AN AUSTRALIAN SPORTING "HOTSPOT"
O'NEILL, K. [AUSTRALIA]

14:15 OP-SH02-2
SPORT – MORE THAN THE GLORY OF A GOLD MEDAL: EMPOWERING AT-RISK YOUTH THROUGH SPORT EXCELLENCE PROGRAMS
PILZ-BURSTEIN, R. ET AL [ISRAEL]

14:30 OP-SH02-3
OLYMPIC PHILOSOPHY AND ITS CONTEMPORARY REFLECTION
HOGENOVA, A. [CZECH REPUBLIC]

14:45 OP-SH02-4
EVALUATION OF THE NATIONAL ANTI-DOPING CODE IN GERMANY
WÖRDEHOFF, A. [GERMANY]

15:00 OP-SH02-5
DRIVERS OF THE PUBLIC'S OPINION REGARDING ELITE SPORTS
HALLMANN, K. ET AL [GERMANY]

N/South OP-SH04

DETERMINANTS OF PA IN ADULTS

Chair(s):

Netz, Y. [Israel]

Brixius, K. [Germany]

14:00 OP-SH04-1
SEASONALITY OF PHYSICAL ACTIVITY, SEDENTARY BEHAVIOR AND SLEEP IN MIDDLE AGED AND ELDERLY ADULTS OF THE ROTTERDAM STUDY
KOOLHAAS, C.M. ET AL [NETHERLANDS]

14:15 OP-SH04-2
ACTION FOR MEN – PARTICIPATORY ACTION RESEARCH FOR PHYSICAL ACTIVITY PROMOTION OF MEN AGED 50 PLUS
STROBL, H. ET AL [GERMANY]

14:30 OP-SH04-3
DISENTANGLING DAILY ASSOCIATIONS FROM INDIVIDUAL DIFFERENCES IN STUDYING THE INTERPLAY BETWEEN PHYSICAL ACTIVITY, SEDENTARY BEHAVIOR, BODILY PAIN AND FATIGUE IN OLDER ADULTS: A DIARY STUDY
NTOUMANIS, N. ET AL [AUSTRALIA]

14:45 OP-SH04-4
THE DIFFERENTIATED IMPACT OF PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOUR ON THE COGNITIVE FUNCTION OF THE BRAIN IN THE ELDERLY.
SCHWARZ, S. ET AL [GERMANY]

15:00 OP-SH04-5
BEHAVIOURAL AUTOMATICITY MODERATES AND MEDIATES THE ASSOCIATION BETWEEN SELF-CONTROL AND PHYSICAL ACTIVITY BEHAVIOUR
PFEFFER, I. ET AL [GERMANY]

15:15 OP-SH04-6
ATTITUDE AND HABITS TOWARDS REGULAR PHYSICAL ACTIVITY – LARGE SAMPLE RESEARCH IN HUNGARY
SZÉKELY, M. [HUNGARY]

Wednesday, July 5th, 2017

15:30 - 17:00

Europa/West IS-PM04

INDIVIDUALISATION IN RECOVERY SCIENCE

Chair(s):

Meyer, T. [Germany]

15:30 IS-PM04-1
INDIVIDUALIZED DIAGNOSIS OF FATIGUE AND RECOVERY NEEDS
HECKSTEDEN, A. [GERMANY]

16:00 IS-PM04-2
INDIVIDUAL RESPONSE TO INTERVENTIONS SUPPORTING RECOVERY
HALSON, S. [AUSTRALIA]

16:30 IS-PM04-3
SLEEP AND RECOVERY IN ELITE ATHLETES - A GOOD EXAMPLE FOR LARGE INTERINDIVIDUAL VARIABILITY
NEDELEC, M. [FRANCE]

Deutschland/South OP-PM06

NUTRITION AND SUPPLEMENTS 1

Chair(s):

Fujita, S. [Japan]

Oertzen-Hagemann, V. [Germany]

15:30 [YIA] OP-PM06-1
FRUCTOSE AND SUCROSE INGESTION INCREASE EXOGENOUS CARBOHYDRATE OXIDATION RATES DURING EXERCISE IN TRAINED CYCLISTS
TROMMELEN, J. ET AL [NETHERLANDS]

15:45 [YIA] OP-PM06-2
IMPACT OF HIGH-CARBOHYDRATE AND HIGH-FAT DIET IN COMBINATION WITH NITRATE ON O2 UPTAKE KINETICS AND PERFORMANCE DURING HIGH-INTENSITY AEROBIC EXERCISE
PIATRIKOVA, E. ET AL [UNITED KINGDOM]

16:00 [YIA] OP-PM06-3
REGULATION OF EXERCISE-INDUCED IL-15 PROTEIN EXPRESSION BY ROS IN HUMAN SKELETAL MUSCLE
PÉREZ-LÓPEZ, A. ET AL [SPAIN]

[YIA] OP-PM06-4
CF INTAKE AFFECTS OXIDATIVE STRESS, ENDOTHELIAL FUNCTION AND CEREBRAL AND MUSCULAR OXYGENATION DURING EXERCISE IN HYPOXIA
DECROIX, L. ET AL [BELGIUM]

16:30 OP-PM06-5
THE EFFECT OF CAFFEINATED COFFEE ON ANAEROBIC PERFORMANCE IN RECREATIONALY ACTIVE MALES
KARAYIGIT, R. ET AL [TURKEY]

Panorama/West OP-PM04

GENOMICS, PROTEOMICS AND MUSCLE MOLECULAR BIOLOGY

Chair(s):

Wessner, B. [Austria]

Bishop, D. [Australia]

15:30 [YIA] OP-PM04-1
A POLYGENIC PROFILE TO PREDICT RATE OF RECOVERY AFTER REPEATED MAXIMAL SPRINTS
BAUMERT, P. ET AL [UNITED KINGDOM]

15:45 [YIA] OP-PM04-2
A PROSPECTIVE ASSOCIATION AND VALIDATION STUDY OF GENETIC VARIANTS AND HAMSTRING INJURY IN ELITE FOOTBALL PLAYERS
LARRUSKAIN, J. ET AL [SPAIN]

16:00 [YIA] OP-PM04-3
LOW CARBOHYDRATE TRAINING ACTIVATES MARKERS OF MITOPHAGY INDEPENDENT OF PROVISION OF PROTEIN LOW OR HIGH IN LEUCINE CONTENT
IMPEY, S. [UNITED KINGDOM]

16:15 [YIA] OP-PM04-4
THE VITAMIN D RECEPTOR IS A "BIOMARKER" OF HYPERTROPHIC RESPONSES TO RESISTANCE EXERCISE AND MECHANISTICALLY REGULATES MUSCLE MASS
BASS, J.J. ET AL [UNITED KINGDOM]

16:30 [YIA] OP-PM04-5
AGE-RELATED ANABOLIC RESISTANCE OF MYOFIBRILLAR PROTEIN SYNTHESIS TO MODERATE-DOSE PROTEIN INGESTION IS EXACERBATED IN OBESE INACTIVE INDIVIDUALS
SMEUNINX, B. ET AL [UNITED KINGDOM]

OP-PM04-6
THE EFFECTS OF WHOLE BODY VIBRATION AND IMMOBILIZATION ON PROTEIN SYNTHESIS AND DEGRADATION PATHWAYS
AKIN, S. ET AL [TURKEY]

Berlin/West OP-PM10

HEALTH AND FITNESS IN CHILDREN AND ADOLESCENTS 2

Chair(s):

Staiano, A. [United States]

Ilkay, D. [Germany]

15:30 OP-PM10-1
GIRLS ARE LESS PHYSICALLY ACTIVE DURING SCHOOL HOURS BUT MORE ACTIVE AFTER SCHOOL COMPARED TO BOYS
MOOSES, K. ET AL [ESTONIA]

15:45 OP-PM10-2
THE DASH-STUDY: DISEASE, ACTIVITY AND SCHOOLCHILDREN'S HEALTH IN MARGINALIZED SCHOOLS IN PORT ELIZABETH, SOUTH AFRICA: SELECTED BASELINE RESULTS
PÜHSE, U. ET AL [SWITZERLAND]

16:00 OP-PM10-3
CORRELATES OF PRESCHOOLS CHILDREN'S OBJECTIVELY MEASURED PHYSICAL ACTIVITY, PHYSICAL FITNESS LEVELS AND MORPHOLOGICAL DEVELOPMENT OF MUSCLE: A CROSS-SECTIONAL STUDY
PENGYU, D. ET AL [JAPAN]

16:15 OP-PM10-4
3D PRINTING AS A TOOL TO ENHANCE CHILDREN'S UNDERSTANDING OF PHYSICAL ACTIVITY LEVELS
MACKINTOSH, K.A. ET AL [UNITED KINGDOM]

16:30 OP-PM10-5
TESTING THE MOTOR PROFICIENCY BARRIER HYPOTHESIS FOR PHYSICAL ACTIVITY AND WEIGHT STATUS
LOPES, V. ET AL [PORTUGAL]

16:45 OP-PM10-6
THE EFFECTIVENESS OF A SCHOOL-BASED MOTOR DEVELOPMENT INTERVENTION ON FUNDAMENTAL MOVEMENT SKILL PROFICIENCY AND MARKERS OF HEALTH AMONG IRISH CHILDREN
BOLGER, L.A. ET AL [IRELAND]

Rheinland/South OP-PM11

COACHING: PERFORMANCE

Chair(s):

Lames, M. [Germany]

Hohmann, A. [Germany]

15:30 [YIA] OP-PM11-1
IMPLEMENTATION OF A MULTI-DIMENSIONAL MONITORING SYSTEM TO IDENTIFY PERFORMANCE DECREMENTS IN HIGHLY TRAINED SWIMMERS
CROWCROFT, S. ET AL [AUSTRALIA]

15:45 OP-PM11-2
COACHES' PHILOSOPHIES ON THE USE OF STRENGTH TRAINING TO ENHANCE ELITE SPORTS PERFORMANCE
BURNIE, L. ET AL [UNITED KINGDOM]

16:00 OP-PM11-3
ENDURANCE PERFORMANCE INDICATORS ARE INFLUENCED BY STRESS AND RECOVERY
OTTER, R.T.A. ET AL [NETHERLANDS]

16:15 OP-PM11-4
FROM TALENT TO ELITE BY DEVELOPING AN APPROPRIATE PACING BEHAVIOUR IN JUNIOR SPEED SKATING.
STOTER, I.K. ET AL [NETHERLANDS]

16:30 OP-PM11-5
CHANGES IN SUBMAXIMAL PERFORMANCE PARAMETERS AFTER AN ULTRA-MARATHON; PRACTICAL APPLICATIONS TO MONITOR OVERREACHING
LAMBERTS, R.P. ET AL [SOUTH AFRICA]

New York/West OP-BN03

BIOMECHANICS: COORDINATION AND RUNNING

Chair(s):

Girard, O. [Qatar]

Wakeling, J. [Canada]

15:30 [YIA] OP-BN03-1
CHALLENGING LOCOMOTION: STABILITY AND MODULAR ORGANIZATION IN PERTURBED RUNNING
EKIZOS, A. ET AL [GERMANY]

15:45 OP-BN03-2
THE EFFECTS OF SHANK INERTIA MASS MANIPULATION ON TECHNIQUE OF ELITE SPRINTER AT MAXIMUM VELOCITY
ZHANG, C. ET AL [CHINA]

16:00 OP-BN03-3
ADAPTATIONS IN FOOT-GROUND INTERACTIONS DURING A PROGRESSIVE 12-WEEK RUNNING INTERVENTION IN FOOTWEAR WITH REDUCED CUSHIONING
COETZEE, D. [SOUTH AFRICA]

16:15 OP-BN03-4
HOW ACCURATE IS VISUAL DETERMINATION OF FOOT STRIKE PATTERN AND PRONATION ASSESSMENT
MEYER, F. ET AL [SWITZERLAND]

16:30 OP-BN03-5
DOES "LIVE HIGH-TRAIN LOW <AND HIGH>" HYPOXIC TRAINING ALTER RUNNING MECHANICS IN ELITE TEAM-SPORT ATHLETES?
BROCHERIE F. ET AL [FRANCE]

16:45 OP-BN03-6
EFFECTS OF EXERCISE-INDUCED CHANGES IN MUSCLE MECHANICAL ADVANTAGE ON ENERGY COST AND MODULAR ORGANISATION OF RUNNING
SANTUZ, A. ET AL [GERMANY]

Mailand/West OP-BN21

NEUROMUSCULAR FATIGUE

Chair(s):

Baudry, S. [Belgium]

Macintosh, B. [Canada]

15:30 OP-BN21-1
FATIGUING NEUROMUSCULAR ELECTRICAL STIMULATIONS ALTER FORCE PERCEPTION BY DECREASING THE PERCEIVED EFFORT AT SUBMAXIMAL FORCE LEVELS
MONJO, F. ET AL [FRANCE]

16:00 OP-BN21-3
EFFECT OF CONTRACTION INTENSITY AND SEX ON TORQUE FLUCTUATIONS DURING SUSTAINED ISOMETRIC KNEE EXTENSION CONTRACTIONS
WU, R. ET AL [IRELAND]

16:15 OP-BN21-4
IS REACTION TIME ALTERED BY MENTAL OR PHYSICAL EXERTION?
LE MANSEC, Y. ET AL [FRANCE]

OP-BN21-5
EFFECTS OF ANODAL TRANSCRANIAL DIRECT CURRENT STIMULATION ON CORTICOSPINAL EXCITABILITY DURING A SUBMAXIMAL VOLUNTARY CONTRACTION SUSTAINED TO FAILURE
ABDELMOULA, A. ET AL [BELGIUM]

Brüssel/West OP-PM59

EFFECTS OF EXERCISE IN OBESITY

Chair(s):

Ainsworth, B. [United States]

McNarry, M. [United Kingdom]

15:30 OP-PM59-1
EFFECT OF EIGHT WEEKS OF YOGA EXERCISES ON C-REACTIVE PROTEIN AND SLEEP QUALITY IN NON-ATHLETE OBESE MEN
KARIMI, M. [IRAN]

15:45 OP-PM59-2
THE EFFECTS OF 12 WEEKS PILATES REFORMER TRAINING ON MAXIMUM KNEE STRENGTH AND ENDURANCE IN OBESE AND LEAN WOMEN
UZUN, S. ET AL [TURKEY]

16:00 OP-PM59-3
THE EFFECT OF EIGHT WEEKS COMBINED AEROBIC EXCERCISE ON ED VARIABLES OF OBESE WOMEN
YILMAZ, N. ET AL [TURKEY]

16:15 OP-PM59-4
AN 8-WEEK COMBINED EXERCISE AND DIET INTERVENTION IMPROVES ENDOTHELIAL FUNCTION, ENDOTHELIAL PROGENITOR CELLS AND CIRCULATING IRISIN IN OBESE ADULTS
HUANG, J. ET AL [CHINA]

16:30 OP-PM59-5
CYTOKINES AND MAKERS OF INSULIN RESISTANCE RESPONSE DURING A MONTH OF DETRAINING IN AEROBIC- AND RESISTANCE-TRAINED OBESE MEN
NIKSERESHT, M. ET AL [IRAN]

16:45 OP-PM59-6
SEDENTARY BEHAVIOUR AND OBESITY IN ADULTS: APPLYING THE BRADFORD HILL CAUSALITY CRITERIA
BIDDLE, S. [AUSTRALIA]

L/South IS-SH08

SERIOUS GAMES IN SPORT AND HEALTH – CHANCES AND CHALLENGES

Chair(s):

Wiemeyer, J. [Germany]

15:30 IS-SH08-1
SERIOUS GAMES IN SPORT AND HEALTH – A CRITICAL REVIEW
WIEMEYER, J. [GERMANY]

16:00 IS-SH08-2
PERSONALIZED TRAINING IN EXERGAMES
[AUSTRIA]

16:30 IS-SH08-3
FRIEND OR FOE? COMPETITION VERSUS COOPERATION IN GAMES FOR HEALTH
STAIANO, A.E. [UNITED STATES]

M/South OP-SH05

PHYSICAL EDUCATION AND LEARNING

Chair(s):

McCuaig, L. [Australia]

Gebken, U. [Germany]

15:30 OP-SH05-1
PLACEMENT OF VOLLEYBALL UNIT AS A TEACHING MATERIAL THROUGH ACTION RESEARCH
NAKAZAWA, K. ET AL [JAPAN]

15:45 OP-SH05-2
DELIVERING PHYSICAL EDUCATION AND SPORT IN SELECTED SCHOOLS IN SOWETO <SOUTH AFRICA>: SOWETO ACTIVE SCHOOLS PROGRAMME
HOLLANDER, W. [SOUTH AFRICA]

16:00 OP-SH05-3
EXTRACURRICULAR SCHOOL SPORT IN THE SCHOOL – A NEW APPROACH BESIDES

OUTSOURCING TO SPORTS CLUBS
KRAKOWSKI-ROOSEN, H. ET AL [GERMANY]

16:15 OP-SH05-4
INCLUSIVE OR EXCLUSIVE? AN EXAMINATION OF INTERPRETATIONS OF THE BODY IN PHYSICAL EDUCATION FROM THE PERSPECTIVE OF ABLEISM
RUIN, S. ET AL [GERMANY]

16:30 OP-SH05-5
A PART OF A BIGGER PICTURE – A COMPARISON OF PETE- STUDENTS' ATTITUDES TOWARDS INCLUSIVE PE IN GERMANY AND THE NETHERLANDS
MEIER, S. ET AL [GERMANY]

N/South OP-SH06

SPORT MANAGEMENT AND SOCIETY

Chair(s):

Grimminger-Seidensticker, E. [Germany]

Hartmann-Tews, I. [Germany]

15:30 OP-SH06-1
ETHNIC IDENTITIES, SENSE OF BELONGING AND THE SIGNIFICANCE OF SPORT
BURRMANN, U. ET AL [GERMANY]

15:45 OP-SH06-2
THE ACQUISITION OF MARKETING PERMISSIONS IN GERMAN PROFESSIONAL FOOTBALL CLUBS
HABENSTEIN, D. [GERMANY]

16:00 OP-SH06-3
INCULCATING THE CONCEPT OF THE NATION WITH AFFECTIVITY AND MORALITY: EFFECTS OF THE MEDIA'S FRAMING OF MAJOR SPORT EVENTS ON NATIONAL PRIDE AND NATIONAL VALUES
MUTZ, M. ET AL [GERMANY]

Thursday, July 6th, 2017

08:00 - 09:30

Europa/West IS-PM03

TRAINING CHILDREN´S HEARTS - CARDIAC ADAPTATIONS TO EXERCISE AND TRAINING IN THE CHILDHOOD

Chair(s):

Williams, C. [United Kingdom]

08:00 IS-PM03-1
INSIGHTS FROM EXERCISE STRESS IMAGING IN CHILDHOOD ATHLETES AND CHILDREN WITH CONGENITAL HEART DISEASE.
PIELES, G. [UNITED KINGDOM]

08:30 IS-PM03-2
INTEGRATION OF ECHOCARDIOGRAPHY AND CARDIOPULMONARY TESTING WITH YOUNG ADOLESCENTS
WILLIAMS, C.A. [UNITED KINGDOM]

09:00 IS-PM03-3
EXERCISE PERFORMANCE AND TRAINING ADAPTATION OF YOUNG ATHLETES
OBERHOFFER, R. [GERMANY]

Deutschland/South IS-PM08

DIETARY NITRATE AS AN ERGOGENIC AID

Chair(s):

Verdijk, L. [Netherlands]

08:00 IS-PM08-1
DIETARY NITRATE AS AN ERGOGENIC AID
VANHATALO, A. [UNITED KINGDOM]

08:30 IS-PM08-2
WHO WILL BENEFIT FROM THE ERGOGENIC PROPERTIES OF NITRATE SUPPLEMENTATION?
VERDIJK, L. [NETHERLANDS]

09:00 IS-PM08-3
PRACTICAL APPLICATION OF DIETARY NITRATE SUPPLEMENTATION IN SPORTS
BURKE, L. [AUSTRALIA]

Panorama/West OP-PM08

ESSA – ECSS EXCHANGE:THERMOREGULATION

Chair(s):

Racinais, S. [Qatar]

Bärtsch, P. [Switzerland]

08:00 [YIA] OP-PM08-1
ESSA – ECSS EXCHANGE : SHOULD ENDURANCE ATHLETES COMPETING IN THE HEAT FOCUS ON COOLING BEFORE OR DURING COMPETITION?
STEVENS, C. ET AL [AUSTRALIA]

08:15 OP-PM08-2
ENDOGENOUS AND EXOGENOUS HEATING HAVE DIFFERENT EFFECTS ON THE SWEAT GLANDS ION REABSORPTION RATES
GERRETT, N. ET AL [JAPAN]

08:30 OP-PM08-3
COGNITIVE FUNCTION DURING EXERCISE IN THE HEAT AND THE EFFECT OF PRE-COOLING
SALDARIS, J.M. ET AL [AUSTRALIA]

08:45 OP-PM08-4
EXERCISE TRAINING IN THE COLD ENHANCES CEREBROVASCULAR FUNCTION MORE THAN TRAINING IN THERMONEUTRAL ENVIRONMENT
MILLER, G.D. ET AL [UNITED KINGDOM]

Berlin/West IS-BN04

RESIDUAL FORCE ENHANCEMENT - AN UNDERRATED NEUROMUSCULAR PROPERTY FOR SPORT & HEALTH

Chair(s):

Seiberl, W. [Germany]

Hahn, D. [Germany]

08:00 IS-BN04-1
RESIDUAL FORCE ENHANCEMENT - THE NEGLECTED NEUROMUSCULAR PROPERTY IN SPORT AND HEALTH
HERZOG, W. [CANADA]

08:30 IS-BN04-2
THE STRETCH-SHORTENING-CYCLE REVISITED: HOW RESIDUAL FORCE ENHANCEMENT CONTRIBUTES TO INCREASED PERFORMANCE.
HAHN, D. ET AL [GERMANY]

09:00 IS-BN04-3
ACUTELY AND CHRONICALLY ALTERED NEUROMUSCULAR STATES INFLUENCE RESIDUAL FORCE ENHANCEMENT
POWER, G. ET AL [CANADA]

Rheinland/South OP-PM18

COACHING OF ATHLETES

Chair(s):

Sullivan, P. [Canada]

Plessner, H. [Germany]

08:00 OP-PM18-1
THE DETERMINANTS OF A GOOD LUNGE PERFORMANCE IN FENCING
CORRÊA, S.C. ET AL [BRAZIL]

08:15 OP-PM18-2
INTEGRATION OF PHYSIOLOGICAL AND PSYCHOLOGICAL ACTIVITY DURING FENCING COMPETITION: CONSEQUENCES ON PHYSICAL PREPARATION
DEDIEU, P. ET AL [FRANCE]

08:30 OP-PM18-3
A LABORATORY STUDY ON THE ATTENTIONAL BIAS AS AN UNDERLYING MECHANISM BETWEEN CORTISOL AND SPORT PERFORMANCE
LAUTENBACH, F. [GERMANY]

08:45 OP-PM18-4
TRADITIONAL BASQUE ROWING: COACHES' LEADERSHIP BASED ON DIFFERENT POSITIONS WITHIN THE TEAM
LEÓN GUEREÑO, P. [SPAIN]

New York/West OP-DTB1

DTB TENNIS AWARD 1

Chair(s):

Ferrauti, A. [Germany]

Lames, M. [Germany]

08:00 OP-DTB1-1
EVALUATION OF SILHOUETTE-BASED MARKERLESS AND HYBRID TRACKING FOR KINEMATICS IN TENNIS
FRÜHSCHÜTZ, H. ET AL [GERMANY]

08:15 OP-DTB1-2
BIOMECHANICAL ANALYSIS OF TENNIS SERVE IN YOUNG ELITE PLAYERS: EFFECT OF THE "WAITER'S SERVE" ON UPPER LIMB LOADS
TOUZARD, P. ET AL [FRANCE]

08:30 OP-DTB1-3
RELATIONSHIPS BETWEEN ANTHROPOMETRIC OR FUNCTIONAL CHARACTERISTICS AND MAXIMAL SERVE VELOCITY IN PROFESSIONAL TENNIS PLAYERS
BONATO, M. ET AL [ITALY]

08:45 OP-DTB1-4
POST-ACTIVATION POTENTIATION IN TENNIS SERVE
TERRAZA REBOLLO, M. [SPAIN]

09:00 OP-DTB1-5
BIOMECHANICAL PROFILE OF TENNIS MATCH PLAY: EFFECTS OF PLAYING SURFACE
PONZANO, M. ET AL [ITALY]

09:15 OP-DTB1-6
SYSTEMATIC GAME OPENING ANALYSIS AT TOP LEVEL IN MEN'S TENNIS – APPROACHING A NEW COURT-DIVISION METHOD
BORN, P. ET AL [GERMANY]

Mailand/West OP-BN05

INJURY PREVENTION

Chair(s):

Gehring, D. [Germany]

Hagen, M. [Germany]

08:00 [YIA] OP-BN05-1
REGION-DEPENDENT HAMSTRING MUSCLE ACTIVITY IN COMMON REHABILITATION EXERCISES
HEGYI, A. ET AL [FINLAND]

08:15 OP-BN05-2
BALANCE IN HAMSTRING MUSCLES STIFFNESS AMONG ELITE ATHLETES
AVRILLON, S. ET AL [FRANCE]

08:30 OP-BN05-3
THE EFFECT OF STRIDE LENGTH MANIPULATION ON LOADING IN HABITUAL RUNNERS: A CASE STUDY
DOYLE, S. ET AL [UNITED KINGDOM]

08:45 OP-BN05-4
IMPACT FORCES DURING JUMP LANDING: DOES SPORTS FLOORING MATTER?
MALISOUX, L. ET AL [LUXEMBOURG]

09:00 OP-BN05-5
CAN SHOE CUSHIONING REDUCE SHOCK AND AFFECT MUSCLE ACTIVATION DURING DIFFERENT LANDINGS?
FU, W. ET AL [CHINA]

Brüssel/West OP-PM63

METHODS IN EXERCISE PHYSIOLOGY 2

Chair(s):

Wagenmakers, A. [United Kingdom]

Schulz, H. [Germany]

08:00 OP-PM63-1
MITOCHONDRIAL OXYGEN AFFINITY AND ITS ROLE IN DETERMINATION OF MAXIMAL OXYGEN CONSUMPTION
CARDINALE, D.A. ET AL [SWEDEN]

08:15 OP-PM63-2
MONITORING ACUTE FATIGUE IN SOCCER PLAYERS
ALI, A. ET AL [NEW ZEALAND]

08:30 OP-PM63-3
EFFECTIVE RECOVERY AND DYNAMIC SLEEP: OBJECTIVE METHOD FOR EVALUATING TRANSIENT SLEEPING ENVIRONMENTS
TROYNIKOV, O. ET AL [AUSTRALIA]

08:45 OP-PM63-4
MEASURE OF THE METABOLIC CAPACITIES IN SWIMMER: COMPARISON OF A STANDARD APPROACH WITH THE ENERGY MUSCLE METABOLISM SIMULATION METHOD.
HELLARD, P. ET AL [FRANCE]

09:00 OP-PM63-5
SUPPORT VECTOR MACHINE <SVM> LEARNING TOOL FOR THE INTERPRETATION OF CARDIOPULMONARY EXERCISE TEST RESULTS
INBAR, O. ET AL [ISRAEL]

L/South OP-PM40

TRAINING IN LEISURE SPORT

Chair(s):

Lane, A. [United Kingdom]

Heinonen, I. [Australia]

08:00 OP-PM40-1
SELF-REGULATED COMBINED HIGH-INTENSITY AND SPRINT INTERVAL TRAINING CONFERS VASCULOPROTECTION
KILDING, A.E. ET AL [NEW ZEALAND]

08:15 OP-PM40-2
MICROPAUSE RUNNING: A MORE PALATABLE ALTERNATIVE TO MODERATE INTENSITY CONTINUOUS RUNNING
WALSH, A. ET AL [IRELAND]

08:30 OP-PM40-3
TEACHING MOTIVES, GOALS, AND STRATEGIES OF EXPERIENCED YOGA TEACHERS.
VERGEER, I. ET AL [AUSTRALIA]

08:45 OP-PM40-4
EFFECTS OF A 12-WEEK LOW FREQUENCY LOW-VELOCITY RESISTANCE TRAINING PROGRAM ON KNEE EXTENSOR STRENGTH, BODY COMPOSITION, AND CARDIOVASCULAR FITNESS IN HEALTHY SEDENTARY INDIVIDUALS; A PILOT STUDY.
GERRITS, K. ET AL [NETHERLANDS]

09:00 OP-PM40-5
MIND-MUSCLE CONNECTION: EFFECT OF VERBAL INSTRUCTIONS ON EMG DURING BENCH PRESS IN RESISTANCE TRAINED MALES.
SAONCELLA, M. ET AL [ITALY]

M/South OP-PM65

EFFECTS OF TRAINING: MIXED SESSION

Chair(s):

Hettinga, F. [United Kingdom]

Tschan, H. [Austria]

08:00 OP-PM65-1
INFLUENCE OF A NEW DEVELOPED SWIM SNORKEL – AN INTERVENTION STUDY
ZELLER, S. ET AL [GERMANY]

08:15 OP-PM65-2
EFFECT OF ENDURANCE TRAINING ON SKELETAL MUSCLE AND PLASMA APELIN LEVELS IN TYPE 2 DIABETIC RATS
SONG, W. [KOREA, SOUTH]

08:30 OP-PM65-3
NEUROPHYSIOLOGICAL CORRELATES OF FLEXIBILITY GAINS THROUGH MOTOR IMAGERY
KANTHACK, T.F.D. ET AL [FRANCE]

08:45 OP-PM65-4
EFFECTS OF 60 DAYS OF SIMULATED MICROGRAVITY AND THE INFLUENCE OF JUMP EXERCISE COUNTERMEASURE ON CARDIORESPIRATORY KINETICS
THIESCHAEFER, L. ET AL [GERMANY]

09:00 OP-PM65-5
THE EFFECTS OF HANDCYCLE UPPER BODY TRAINING ON PHYSICAL CAPACITY AND WHEELCHAIR PROPULSION EFFICIENCY IN ABLE-BODIED MALES
CHAIKHOT, D. ET AL [UNITED KINGDOM]

09:15 OP-PM65-6
MONITORING OF FUNCTIONAL AND PSYCHOPHYSIOLOGICAL STATE OF ATHLETES DURING TRAINING CAMP
KLYUCHNIKOV, M. ET AL [RUSSIA]

N/South OP-SH07

EXPERIENCES IN SPORT

Chair(s):

Hecksteden, A. [Germany]

Gerber, M. [Switzerland]

08:00 OP-SH07-1
AN EXPLORATIVE STUDY OF EXPERIENCE OF RECREATIONAL TEAM SPORT ATHLETES: A QUALITATIVE RESEARCH
IGBOKWE, E. [GERMANY]

08:15 OP-SH07-2
CHILDREN'S PERSPECTIVE OF GAME: A COMPARISON OF STATE SCHOOLS AND COLLEGE
GUNDUZ, N. ET AL [TURKEY]

08:30 OP-SH07-3
THE INVESTIGATION OF BODILY KINESTHETIC INTELLIGENCE LEVELS OF ADOLESCENTS WHO TAKE PART IN SPORT SCHOOLS
OZTURK, A. ET AL [TURKEY]

08:45 OP-SH07-4
EDUCATION-BASED SPORT-FOR-DEVELOPMENT: EXPERIENCES FROM PAPUA NEW GUINEA
FRAWLEY, S. ET AL [AUSTRALIA]

09:00 OP-SH07-5
SPORTS CLUBS APPROACH TO MAINSTREAMING OF DISABILITY SPORT: A CRITICAL ANALYSIS
CHRISTIAENS, M. [UNITED KINGDOM]

09:15 OP-SH07-6
DESIGN AND CODIFICATION STRATEGIC PLAN OF IRAN SPORTS FEDERATION FOR THE BLIND
HABIBIRAD, A. ET AL [IRAN]

Thursday, July 6th, 2017

09:45 - 11:15

Europa/West IS-EX02

JSPFSM-ECSS EXCHANGE SYMPOSIUM: CHALLENGING PHYSICAL INACTIVITY IN CHILDHOOD AND ADOLESCENCE - WHAT CROSS-BORDER EVIDENCE AND ISSUES DO WE HAVE?

Chair(s):

Nagatomi, R. [Japan]

09:45 IS-EX02-1
COMPARISON OF PHYSICAL ACTIVITY AND FITNESS OF ADOLESCENTS IN MAJOR ASIAN CITIES: THE ASIA-FIT STUDY
SUZUKI, K. [JAPAN]

10:15 IS-EX02-2
THE RELATION OF CHILDHOOD FITNESS TO EXECUTIVE FUNCTION AND MEMORY
KAMIJO, K. [JAPAN]

10:45 IS-EX02-3
EFFECT OF SCHOOL BASED PHYSICAL ACTIVITY INTERVENTIONS
ANDERSEN, L. [NORWAY]

Deutschland/South IS-SP01

NUTRITION FOR MUSCLE AND TENDON ADAPTATION - SPONSORED BY GSSI

Chair(s):

Carter, J. [United States]

09:45 IS-SP01-1
INDIVIDUAL RESPONSES TO RESISTANCE TYPE EXERCISE TRAINING
VAN LOON, L. [NETHERLANDS]

10:15 IS-SP01-2
THE ROLE OF ANTIOXIDANTS IN EXERCISE RECOVERY AND ADAPTATION
STEVENSON, E. [UNITED KINGDOM]

10:45 IS-SP01-3
NUTRITION AND EXERCISE TO MINIMIZE MUSCULOSKELETAL INJURY AND ACCELERATE RETURN TO PLAY
BAAR, K. [UNITED STATES]

Panorama/West OP-PM12

ECCENTRIC EXCERCISE

Chair(s):

Theisen, D. [Luxembourg]

Falla, D. [United Kingdom]

09:45 [YIA] OP-PM12-1
WHAT CAUSES A DECREASE IN RUNNING ECONOMY AFTER DOWNHILL RUNNING?
LIMA, L.C.R. ET AL [BRAZIL]

10:00 OP-PM12-2
COMPARISON AMONG NINE DIFFERENT ECCENTRIC EXERCISES FOR DELAYED ONSET MUSCLE SORENESS AND LOSS OF MUSCLE STRENGTH
NOSAKA, K. ET AL [AUSTRALIA]

10:15 OP-PM12-3
REPEATING NON-DAMGING LOW-INTENSITY ECCENTRIC EXERCISE LARGELY ATTENUATES MUSCLE DAMAGE INDUCED BY MAXIMAL ECCENTRIC EXERCISE OF THE ELBOW FLEXORS
CHEN, T.C. ET AL [TAIWAN]

10:30 OP-PM12-4
PROTECTIVE EFFECT OF LOW-INTENSITY ECCENTRIC CONTRACTIONS ON MUSCLE DAMAGE INDUCED BY INTENSIVE WHOLE BODY ECCENTRIC EXERCISES
HUANG, M.Y. ET AL [TAIWAN]

10:45 OP-PM12-5
THE EFFECTS OF ISCHEMIC PRECONDITIONING ON MAXIMAL ECCENTRIC EXERCISE-INDUCED MUSCLE DAMAGE
FRANZ, A. ET AL [GERMANY]

11:00 OP-PM12-6
ADAPTATIONS AND MUSCLE DAMAGE PROTECTION CONFERRED BY 4-WEEK ECCENTRIC OVERLOAD TRAINING PROGRAM
ILLERA-DOMINGUEZ, V. ET AL [SPAIN]

Berlin/West IS-BN06

NEW INSIGHTS IN BIOMECHANICS OF MUSCLE CONTRACTION

Chair(s):

Siebert, T. [Germany]

09:45 IS-BN06-1
NEW INSIGHTS IN MUSCLE MICROSTRUCTURE AND FORCE GENERATION
RODE, C. [GERMANY]

10:15 IS-BN06-2
MULTIDIMENSIONAL MODELS FOR PREDICTING MUSCLE STRUCTURE AND FASCICLE PENNATION
WAKELING, J.M. [CANADA]

10:45 IS-BN06-3
INFLUENCE OF MUSCLE COMPRESSION ON MUSCLE FORCE: EXPERIMENTATION AND SIMULATION
SIEBERT, T. [GERMANY]

Rheinland/South OP-PM13

CARDIOVASCULAR PHYSIOLOGY

Chair(s):

Birch, K. [United Kingdom]

González-Alonso, J. [United Kingdom]

09:45 [YIA] OP-PM13-1
BRAIN GREY MATTER VOLUME AND CEREBRAL HAEMODYNAMIC AND METABOLIC RESPONSES TO EXERCISE: IMPACTS OF AGE AND CARDIORESPIRATORY FITNESS
HALE, A. ET AL [UNITED KINGDOM]

10:00 [YIA] OP-PM13-2
DAILY REMOTE ISCHEMIC PRECONDITIONING IMPROVES SYSTEMIC VASCULAR FUNCTION IN TYPE 2 DIABETES MELLITUS
MAXWELL, J.D. ET AL [UNITED KINGDOM]

10:15 [YIA] OP-PM13-3
SIMILARITY BETWEEN CAROTID AND CORONARY ARTERY RESPONSES TO SYMPATHETIC STIMULATION AND THE ROLE OF ALPHA-1 RECEPTORS IN HUMANS
VAN MIL, A. ET AL [NETHERLANDS]

10:30 [YIA] OP-PM13-4
LEG BLOOD FLOW AND SKELETAL MUSCLE MICROVASCULAR PERFUSION RESPONSES TO EXERCISE IN PERIPHERAL ARTERIAL DISEASE
MENESES, A.L. ET AL [AUSTRALIA]

10:45 [YIA] OP-PM13-5
HIGH-INTENSITY INTERVAL TRAINING: POTENTIAL ALTERNATIVE TO MODERATE AEROBIC EXERCISE ON HEMODYNAMIC PARAMETERS AT REST AND DURING STRESS TESTING
KETELHUT, S. ET AL [GERMANY]

11:00 [YIA] OP-PM13-6
ALLOMETRIC MODELLING OF PEAK OXYGEN UPTAKE ENHANCES THE PROGNOSTIC VALUE OF CARDIORESPIRATORY FITNESS FOR PREDICTING ALL-CAUSE MORTALITY IN HEART FAILURE PATIENTS
LOLLI, L. ET AL [UNITED KINGDOM]

New York/West OP-DTB2

DTB TENNIS AWARD 2

Chair(s):

Ferrauti, A. [Germany]

Wiewelhove, T. [Germany]

09:45 OP-DTB2-1
NEW TECHNOLOGIES FOR DETERMINING EXTERNAL AND INTERNAL LOADS IN TENNIS
HOPPE, M. ET AL [GERMANY]

10:00 OP-DTB2-2
MEASURES OF LOAD AND INJURY IN TENNIS: ARE THERE RELATIONSHIPS?
GESCHEIT, D.T. ET AL [AUSTRALIA]

10:15 OP-DTB2-3
THE HEALTH BENEFITS OF TENNIS: A COMPARISON OF THE PHYSIOLOGICAL CHARACTERISTICS OF SENIOR PLAYERS AND NON-PLAYERS
JACKSON, M.J. ET AL [UNITED KINGDOM]

10:30 OP-DTB2-4
OPTIMAL COOLING STRATEGIES FOR TENNIS IN HOT/DRY AND HOT/HUMID CONDITIONS
LYNCH, G. ET AL [AUSTRALIA]

10:45 OP-DTB2-5
EXPLAINING TENNIS PERFORMANCE IN TALENTED TENNIS PLAYERS BY PHYSICAL FITNESS
KRAMER, T. ET AL [NETHERLANDS]

11:00 OP-DTB2-6
THE CONTRIBUTION OF VISIUAL AND KINESTHETIC IMAGERY ON LEARNING TENNIS SKILLS FOR NOVICE PLAYERS
HEGAZY, K. ET AL [GERMANY]

Mailand/West OP-PM19

DEVELOPING YOUNG ATHLETES

Chair(s):

Granacher, U. [Germany]

Hohmann, A. [Germany]

09:45 OP-PM19-1
A SYSTEMATIC REVIEW OF THE TRAINING SPECIFICITY OF YOUTH STRENGTH AND POWER TRAINING ADAPTATIONS
QUIGLEY, P. ET AL [CANADA]

10:00 OP-PM19-2
THE EFFECTS OF CONCURRENT STRENGTH AND ENDURANCE TRAINING ON MAXIMAL STRENGTH, MUSCLE POWER, ENDURANCE, AND ATHLETIC PERFORMANCE IN THE GENERAL YOUTH POPULATION AND IN YOUTH ATHLETES
GÄBLER, M. ET AL [GERMANY]

10:15 OP-PM19-3
INTER AND INTRA-SEASONAL VARIATIONS IN ENDURANCE AND MUSCULAR PERFORMANCE IN ELITE YOUTH SOCCER PLAYERS
CONNOLLY, D. ET AL [ITALY]

10:30 OP-PM19-4
THE EFFECT OF AGE AND MATURITY STATUS ON MOTOR COORDINATION, SPEED AND AGILITY IN ELITE YOUTH SOCCER PLAYERS
ROMMERS, N. ET AL [BELGIUM]

10:45 OP-PM19-5
YOUTH SOCCER AND THE RELATIVE AGE EFFECT: INFLUENCE OF THE CHANGES IN THE TALENT IDENTIFICATION POLICY IN A PROFESSIONAL CLUB
GIL, S.M. ET AL [SPAIN]

11:00 OP-PM19-6
RELATIVE AGE EFFECTS IN SWISS TALENT DEVELOPMENT – A NATIONAL ANALYSIS OF ALL SPORTS
ROMANN, M. ET AL [SWITZERLAND]

Brüssel/West OP-PM64

TRAINING IN THE ELDERLY

Chair(s):

Donath, L. [Switzerland]

Thiel, C. [Germany]

09:45 OP-PM64-1
MUSCLE WASTING IS THE PRIMARY CAUSE OF WEAKNESS IN 'HEALTHY' AGEING, WITH MODEST-TO-NEGLIGIBLE CONTRIBUTIONS OF REDUCED MUSCLE QUALITY, NEURAL ACTIVATION AND ARCHITECTURAL REMODELLING
MCPHEE, J.S. JONES, D.A. DEGENS, H. [UNITED KINGDOM]

10:00 OP-PM64-2
A HEATLHY DIET RICH IN N-3 PUFAS ENHANCES THE EFFECTS OF RESISTANCE TRAINING IN ELDERLY WOMEN
EDHOLM, P. ET AL [SWEDEN]

10:15 OP-PM64-3
EFFECTS OF SUPERVISION OF BALANCE AND STRENGTH TRAINING INTERVENTIONS ON BALANCE AND MUSCLE STRENGTH IN OLD ADULTS: A META-ANALYSIS
LACROIX, A. ET AL [GERMANY]

10:30 OP-PM64-4
THE TIME COURSE OF MUSCLE MORPHOLOGICAL AND ARCHITECTURAL ADAPTATIONS TO MODERATE-LOAD CONCENTRIC AND ECCENTRIC TRAINING IN YOUNG AND OLDER MEN
FRANCHI, M.V. ET AL [UNITED KINGDOM]

10:45 OP-PM64-5
AEROBIC EXERCISE ON BRAIN PERFUSION AND COGNITION IN AMNESTIC MILD COGNITIVE IMPAIRMENT DUE TO AD
TEIXEIRA, C.V.L. ET AL [BRAZIL]

11:00 OP-PM64-6
INFLUENCE OF FEAR OF FALLING AND PHYSICAL LIMITATIONS ON GAIT PERFORMANCE UNDER SINGLE AND DUAL TASK CONDITIONS
WOLLESEN, B. ET AL [GERMANY]

L/South OP-PM41

OCCUPATIONAL ASPECTS OF HEALTH AND PHYSICAL ACTIVITY

Chair(s):

Biddle, S. [Australia]

Reer, R. [Germany]

09:45 OP-PM41-1
EFFECTS OF WORK DEMANDS ON ASSOCIATIONS BETWEEN MEASURES OF PHYSICAL FITNESS AND PSYCHO-COGNITIVE PERFORMANCE IN THE YOUNG AND MIDDLE-AGED WORKFORCE
PRIESKE, O. ET AL [GERMANY]

10:00 OP-PM41-2
COMPARISON OF ENERGY EXPENDITURE AND MUSCULAR ACTIVITY WHILE SITTING ON A STABILITY BALL VERSUS OFFICE CHAIRS
KUMAHARA, H. ET AL [JAPAN]

10:15 OP-PM41-3
REQUIREMENTS FOR EXERCISES IN PRIMARY PREVENTION FOR STATIONARY NURSING AND GERIATRIC NURSING
OTTO, A. ET AL [GERMANY]

10:30 OP-PM41-4
SELF-RATED PHYSICAL LOADS OF WORK TASKS AMONG CERTIFIED NURSING ASSISTANTS
LINDBERG, A. [SWEDEN]

10:45 OP-PM41-5
IMPLEMENTATION OF A SIX MONTHS WORKSITE SUPERVISED ADAPTED PHYSICAL ACTIVITY PROGRAM AMONG VINEYARD-WORKERS: LONG-TERM EFFECTS ON TRUNK MUSCLE ENDURANCE, FLEXIBILITY AND PAIN SENSITIVITY
BALAGUIER, R. ET AL [FRANCE]

11:00 OP-PM41-6
OCCUPATIONAL COGNITIVE LOAD PREDICTS MAINTENACE OF ENDURANCE PERFORMANCE WITH MENTAL FATIGUE
MARTIN, K. ET AL [AUSTRALIA]

M/South IS-SH01

LEVERAGING SPORT EVENTS FOR SPORT PARTICIPATION AND DEVELOPMENT

Chair(s):

Klein, M. [Germany]

09:45 IS-SH01-1
LEVERAGING SPORT PARTICIPATION FROM MEGA-SPORT EVENTS: TRANSLATING POSSIBILITIES INTO POLICIES
WEED, M. [UNITED KINGDOM]

10:15 IS-SH01-2
SPORT EVENTS AND SPORT PARTICIPATION: QUEST FOR A RESEARCH AGENDA
TAKS, M. [CANADA]

10:45 IS-SH01-3
THE INSPIRATIONAL EFFECT OF ATTENDING SPORT EVENTS ON SPORT PARTICIPATION IN A METROPOLITAN SETTING: EVIDENCE FROM FIFA WOMEN'S WORLD CUP 2011 IN THE RHINE-RUHR AREA
KURSCHEIDT, M. [GERMANY]

N/South OP-SH08

PERFORMANCE ANALYSIS

Chair(s):

Bassetti, C. [Italy]

Jaitner, T. [Germany]

09:45 OP-SH08-1
SEARCHING FOR THE APPLIED PERFORMANCE ANALYST
MARTIN, D. ET AL [IRELAND]

10:00 OP-SH08-2
ANTICIPATING THE INTENTIONS OF OTHERS IN SOCCER: THE IMPACT OF PROBABILISTIC INFORMATION
GREDIN, V. [UNITED KINGDOM]

10:15 OP-SH08-3
ANALYTIC METHOD FOR EVALUATING PLAYERS' DECISIONS IN TEAM SPORTS
LAMAS, L. ET AL [BRAZIL]

10:30 OP-SH08-4
HOW DO INDIVIDUAL TEAM MEMBERS REGULATE THEIR BEHAVIOR TO ACHIEVE SPATIOTEMPORAL COLLECTIVE BEHAVIOR ?
FEIGEAN, M. ET AL [SWITZERLAND]

Thursday, July 6th, 2017

16:15 - 17:45

Europa/West IS-PM10

STRATEGIES FOR OPTIMIZING ELITE ENDURANCE EXERCISE PERFORMANCE

Chair(s):

Jeukendrup, A. [United Kingdom]

16:15 IS-PM10-1
NUTRITIONAL STRATEGIES FOR OPTIMIZING ELITE ENDURANCE EXERCISE PERFORMANCE
JEUKENDRUP, A.E. [UNITED KINGDOM]

16:45 IS-PM10-2
HIGH INTENSITY INTERVAL TRAINING AND PERIODIZATION
RØNNESTAD, B.R. [NORWAY]

17:15 IS-PM10-3
ALTITUDE AND HEAT TRAINING STRATEGIES
CARSTEN LUNDBY [SWITZERLAND]

Deutschland/South IS-PM05

HOT TOPICS IN ALTITUDE MEDICINE AND ALTITUDE TRAINING

Chair(s):

Schmidt, W. [Germany]

16:15 IS-PM05-1
THE BRAIN IN ACUTE MOUNTAIN SICKNESS AND HIGH ALTITUDE PULMONARY EDEMA
BÄRTSCH, P. [SWITZERLAND]

16:45 IS-PM05-2
HBMASS AND ALTITUDE – AN UPDATE FOCUSSING ON PERFORMANCE, TRAINING AND HEALTH
SCHMIDT, W. [GERMANY]

17:15 IS-PM05-3
BEST PRACTICES IN ALTITUDE TRAINING FOR TEAM SPORTS
GIRARD, O. [QATAR]

Panorama/West OP-PM14

BODY COMPOSITION

Chair(s):

Paoli, A. [Italy]

Gil, S. [Spain]

16:15 [YIA] OP-PM14-1
WATER LOADING IN COMBAT SPORT ATHLETES AS A MEANS TO ACUTELY MANIPULATE BODY MASS
REALE, R. ET AL [AUSTRALIA]

16:30 [YIA] OP-PM14-2
A STEP TOWARDS REMOVING PLASMA VOLUME VARIANCE FROM THE ATHLETE'S BIOLOGICAL PASSPORT: THE USE OF BIOMARKERS TO DESCRIBE VASCULAR VOLUMES FROM A SIMPLE BLOOD TEST
LOBIGS, L. ET AL [AUSTRALIA]

16:45 OP-PM14-3
COMPARISON OF TWO MULTIFREQUENCY BIOIMPEDANCE DEVICES IN ASSESSING BODY COMPOSTION, HYDRATION STATUS AND BASAL METABOLIC RATE.
SÁNCHEZ-DELGADO, A. ET AL [SPAIN]

17:00 OP-PM14-4
EXERCISE TRAINING COMBINED WITH INTERMITTENT FASTING AND ALKALINE SUPPLEMENTATION AS EFFECTIVE STRATEGY TO REDUCE BODY WEIGHT AND IMPROVE RUNNING PERFORMANCE
HOTTENROTT, L. ET AL [GERMANY]

Berlin/West OP-PM15

ENERGY METABOLISM AND HORMONES

Chair(s):

Bogdanis, G. [Greece]

Steinacker, J. [Germany]

16:15 [YIA] OP-PM15-1
THE EFFECT OF EXERCISE ON APPETITE AND APPETITE-REGULATORY HORMONES IN SUBJECTS WITH THE FTO RS9939609 POLYMORPHISM.
DORLING, J.L. ET AL [UNITED KINGDOM]

16:30 OP-PM15-2
ACUTE HORMONAL RESPONSE TO 3 DIFFERENT TYPES OF "CONCURRENT" TRAINING
CHUNG, L.H. ET AL [SPAIN]

16:45 OP-PM15-3
PITUITARY AND ADRENAL HORMONAL LEVELS CHANGE DURING 8 DAYS OF EXHAUSTIVE CYCLING BUT ARE UNRELATED TO PERFORMANCE DECREMENT
TEN HAAF, T. ET AL [NETHERLANDS]

Rheinland/South OP-PM20

INTERVAL TRAINING 2

Chair(s):

Holmberg, H. [Sweden]

Triska, C. [Austria]

16:15 OP-PM20-1
EFFECT OF DIFFERENT SPRINT INTERVAL TRAINING WORK: REST RATIOS ON PERFORMANCE ADAPTATIONS
LLOYD JONES, M. ET AL [UNITED KINGDOM]

16:30 OP-PM20-2
EFFECTS OF HIGH INTENSITY INTERVAL TRAINING IN CYCLING ON RUNNING PERFORMANCE IN ATHLETES
MALLOL SOLER, M. [AUSTRALIA]

16:45 OP-PM20-3
HIGH-INTENSITY INTERVAL TRAINING IN PHYSICAL EDUCATION
ENGEL, F. ET AL [GERMANY]

17:00 OP-PM20-4
DIFFERENT HIGH-INTENSITY SHOCK MICROCYCLES DO NOT AFFECT PERFORMANCE COMPONENTS IN PREPUBESCENT ELITE SOCCER PLAYERS
SLOPIANKA, M. ET AL [GERMANY]

17:15 OP-PM20-5
EFFECT OF DIFFERENT TRAINING INTENSITIES ON PLASMA ESTIMATED VOLUME VARIATION AND ENDURANCE PERFORMANCE
RHIBI, F. ET AL [FRANCE]

17:30 OP-PM20-6
HIGH INTENSITY INTERVAL TRAINING DECREASES INFLAMMATORY CYTOKINES AND IMPROVES BONE TURNOVER MARKERS IN OBESE WOMEN
ATAKAN, M. ET AL [TURKEY]

New York/West OP-BN06

FATIGUE

Chair(s):

Baudry, S. [Belgium]

Hahn, D. [Germany]

16:15 [YIA] OP-BN06-1
CAN NON-INVASIVELY DETERMINED MUSCLE TYPOLOGY PREDICT FATIGUE AND RECOVERY PROFILE?
LIEVENS, E. ET AL [BELGIUM]

16:30 [YIA] OP-BN06-2
MAINTAINED FIRING OF GROUP III/IV MUSCLE AFFERENTS INHIBITS THE RECOVERY OF QUADRICEPS MOTONEURONE EXCITABILITY AFTER A SUSTAINED CONTRACTION
FINN, H. ET AL [AUSTRALIA]

16:45 [YIA] OP-BN06-3
PERIPHERAL FATIGUE RECOVERS FASTER IN SHERPA THAN LOWLANDERS AT HIGH-ALTITUDE
RUGGIERO, L. ET AL [CANADA]

17:00 OP-BN06-4
EFFECTS OF TRAINING ON NEUROMUSCULAR FATIGUE IN CYCLING
MIRA, J. ET AL [CANADA]

17:15 OP-BN06-5
NON-LOCAL MUSCLE FATIGUE IS MEDIATED AT SPINAL AND SUPRASPINAL LEVELS
AMIRI, E. ET AL [IRAN]

OP-BN06-6
INSIGHTS INTO MUSCLE EXCITABILITY DURING MAXIMAL VOLUNTARY CONTRACTIONS BY A SEPARATE ANALYSIS OF THE FIRST AND SECOND M-WAVE PHASES
RODRIGUEZ-FALCES, J. ET AL [SPAIN]

Mailand/West OP-BN10

BIOMECHANICS: GAIT

Chair(s):

Gehring, D. [Germany]

Theisen, D. [Luxembourg]

Falla, D. [United Kingdom]

16:15 OP-BN10-1
MOTOR CONTROL OF WALKING FORWARDS AND BACKWARDS ACROSS DIFFERENT INCLINES
ANGELOUDIS, K. ET AL [UNITED KINGDOM]

16:30 OP-BN10-2
WALKING AND POLE WALKING AT DIFFERENT SPEEDS: ANALYSIS OF MOVEMENT PATTERN AND COMPLEXITY
ZOFFOLI, L. ET AL [ITALY]

16:45 OP-BN10-3
INDIVIDUAL GAIT PATTERNS IDENTIFIED WITHIN A LONG-TERM FOLLOW-UP STUDY
HORST, F. ET AL [GERMANY]

17:00 OP-BN10-4
BIOMECHANICAL EVALUATION OF WALKING AND CYCLING IN CHILDREN
GRECA, J.P.A. ET AL [UNITED KINGDOM]

OP-BN10-5
EFFECTS OF TRACKING LANDMARKS AND TIBIAL POINT OF FORCE APPLICATION ON THE ASSESSMENT OF PATELLAR TENDON MECHANICAL PROPERTIES IN VIVO
MERSMANN, F. ET AL [GERMANY]

Brüssel/West IS-BN09

MODALITIES OF INTERPERSONAL COORDINATION

Chair(s):

Effenberg, A. [Germany]

16:15 IS-BN09-1
AVAILABILITY OF SHARED VISUAL INFORMATION IN SOCIAL INTERACTION
VESPER, C. [HUNGARY]

16:45 IS-BN09-2
AUDITORY INFORMATION MODULATES INTERPERSONAL COORDINATION
SCHMITZ, G. ET AL [GERMANY]

17:15 IS-BN09-3
INDIVIDUAL DIFFERENCES IN TEMPORAL ANTICIPATION AND ADAPTATION DURING REAL-TIME INTERPERSONAL COORDINATION IN JOINT DRUMMING
KELLER, P. [AUSTRALIA]

L/South IS-SH02

STRESS REGULATION AND PHYSICAL ACTIVITY

Chair(s):

Klaperski, S. [United Kingdom]

16:15 IS-SH02-1
CARDIORESPIRATORY FITNESS MODERATES THE RELATIONSHIP BETWEEN PERCEIVED STRESS AND CARDIOVASCULAR RISK FACTORS
GERBER, M. ET AL [SWITZERLAND]

16:45 IS-SH02-2
DOES PHYSICAL ACTIVITY MODERATE THE STRESS-BURNOUT RELATIONSHIP?
ISOARD-GAUTHEUR, S. ET AL [FRANCE]

17:15 IS-SH02-3
DIRECT AND BUFFERING EFFECTS OF PHYSICAL EXERCISE ON HEALTH: A RCT TO TEST AND EXAMINE THE STRESS BUFFER EFFECT
KLAPERSKI, S. ET AL [UNITED KINGDOM]

M/South OP-SH09

SPORT EVENTS AND SOCIETY

Chair(s):

Yoshinori, O. [Japan]

Klein, M. [Germany]

16:15 OP-SH09-1
SPORT FOR ALL? EXPLORING THE PUBLIC HEALTH REACH OF THE BIRKEBEINER RACES, NORWAY'S ULTIMATE MASS-PARTICIPATION SPORTING EVENTS
CALOGIURI, G. [NORWAY]

16:30 OP-SH09-2
A QUALITATIVE RESEARCH ON THE MOTIVATION AND CONSTRAINT FACTORS OF CHINESE RECREATIONAL MARATHON PARTICIPANTS
CHEN, X. ET AL [CHINA]

16:45 OP-SH09-3
LEVERAGING SPORT EVENTS TO MAXIMIZE COMMUNITY BENEFITS IN LOW- AND MIDDLE-INCOME COUNTRIES: EXPERIENCES FROM SĀMOA
SCHULENKORF, N. ET AL [AUSTRALIA]

Thursday, July 6th, 2017

18:00 - 19:30

Europa/West IS-SP02

SPORTS ENGINEERING METHODS FOR SPORTS SCIENCE: WEARABLE SENSORS AND MACHINE LEARNING - SPONSORED BY ADIDAS

Chair(s):

Eskofier, B. [Germany]

Jaitner, T. [Germany]

18:00 IS-SP02-1
IN-FIELD USE OF WEARABLE MAGNETO-INERTIAL SENSORS FOR MOTOR CAPACITY, SPORT PERFORMANCE, OR RISK OF INJURY EVALUATION: STATE OF THE ART AND PERSPECTIVES
CAMOMILLA, V. [ITALY]

18:30 IS-SP02-2
WEARABLE COMPUTING SYSTEMS AND MACHINE LEARNING FOR SPORTS SCIENCE RESEARCH
BJOERN, E. [GERMANY]

19:00 IS-SP02-3
WHEN MODELING BECOMES THE KEY TO UNDERSTANDING: THE POWER OF MODELING APPROACHES IN SPORTS SCIENCE AND ENGINEERING
SENNER, V. ET AL [GERMANY]

Deutschland/South IS-PM01

THE ROLE OF THE SYSTEMIC AND LOCAL ENVIRONMENT IN SKELETAL MUSCLE HOMEOSTASIS WITH AGEING AND EXERCISE

Chair(s):

Mackey, A. [Denmark]

18:00 IS-PM01-1
THE SYSTEMIC ENVIRONMENT AND AGING: INFLUENCE OF LIFESTYLE FACTORS AND BIOLOGICAL EFFECTS
KADI, F. [SWEDEN]

18:30 IS-PM01-2
CIRCULATING MICRORNAS: INTERPLAY BETWEEN HORMONAL AND INFLAMMATORY SYSTEMS, BODY COMPOSITION AND MUSCLE PERFORMANCE
KOVANEN, V. [FINLAND]

19:00 IS-PM01-3
CHANGING THE LOCAL AND SYSTEMIC ENVIRONMENT TO IMPROVE THE ADAPTATION OF HUMAN SKELETAL MUSCLE
MACKEY, A. [DENMARK]

Panorama/West OP-PM21

TALENT IDENTIFICATION AND DEVELOPMENT

Chair(s):

Lamberts, R. [South Africa]

Pfeiffer, M. [Germany]

18:00 OP-PM21-1
VALIDITY OF EARLY TALENT SCREENING AND TALENT ORIENTATION
HOHMANN, A. ET AL [GERMANY]

18:15 OP-PM21-2
LONG-TERM STABILITY OF SPORT PERFORMANCE DURING CHILDHOOD
SIENER, M. ET AL [GERMANY]

18:30 OP-PM21-3
PERFORMANCE PREDICTION IN YOUTH SOCCER TALENTS
PIETZONKA, M. ET AL [GERMANY]

18:45 OP-PM21-4
EXPLORING DIFFERENCES AND SIMILARITIES FOR TALENT TRANSFER IN BASKETBALL, SOCCER AND VOLLEYBALL.
PION, J. ET AL [NETHERLANDS]

19:00 OP-PM21-5
TALENT IDENTIFICATION AND DEVELOPMENT IN SWIMMING
ELFERINK-GEMSER, M.T. ET AL [NETHERLANDS]

Berlin/West IS-BN03

MUSCLE-TENDON UNIT PROPERTIES AND RUNNING ECONOMY

Chair(s):

Arampatzis, A. [Germany]

18:00 IS-BN03-1
TENDOMUSCULAR FACTORS AFFECTING THE METABOLIC COST OF RUNNING
ARAMPATZIS, A. [GERMANY]

18:30 IS-BN03-2
SKELETAL MUSCLE ENERGETICS AND TENDON STIFFNESS: IMPLICATIONS FOR ENERGY COST OF RUNNING
MACINTOSH, B.R. [CANADA]

19:00 IS-BN03-3
MUSCULOSKELETAL CHARACTERISTICS AND FUNCTION DURING RUNNING FOR TOP LEVEL ENDURANCE RUNNERS
ISHIKAWA, M. ET AL [JAPAN]

New York/West OP-PM22

STRENGTH TRAINING

Chair(s):

Granacher, U. [Germany]

Folland, J. [United Kingdom]

18:00 OP-PM22-1
ISOKINETIC ECCENTRIC HAMSTRING TRAINING AFFECTS SPRINT KINETICS
KNICKER, A. ET AL [GERMANY]

18:15 OP-PM22-2
EFFECTS OF A 4-WEEK ROPE-TRAINING ON MOBILITY, STRENGTH AND COORDINATION COMPARED TO A MACHINE BASED STRENGTH TRAINING
WRIGHT, P. ET AL [UNITED KINGDOM]

18:30 OP-PM22-3
HIGHER LIFTING SUCCESSFUL RATE WHEN USING INTRA-SET REST DURING BENCH PRESS EXERCISE
WONG, D.P. ET AL [CHINA]

18:45 OP-PM22-4
INTERMITTENT HYPOXIC RESISTANCE TRAINING AFFECTS THE FORCE-VELOCITY PROFILE
FERICHE, B. ET AL [SPAIN]

19:00 OP-PM22-5
EFFECTS OF CONCENTRIC VERSUS ISOMETRIC NECK STRENGTH TRAINING IN RUGBY PLAYERS.
PAIZIS, C. ET AL [FRANCE]

19:15 OP-PM22-6
METABOLIC EQUIVALENTS AND ENERGY EXPENDITIRE IN 3 DIFFERENT TYPES OF "CONCURRENT" TRAINING PROTOCOLS
ALCARAZ, P.E. ET AL [SPAIN]

Mailand/West OP-BN08

SPORT TECHNOLOGY

Chair(s):

Linnamo, V. [Finland]

Camomilla, V. [Italy]

18:00 OP-BN08-1
ERROR CORRECTION PROCESSING IN TIMING LIGHTS: DOES IT WORK?
ALTMANN, S. ET AL [GERMANY]

18:15 OP-BN08-2
DETERMINING JUMPING HEIGHT OF THE VOLLEYBALL SPIKE JUMP BY IMU
SCHMIDT, M. [GERMANY]

18:30 OP-BN08-3
A STUDY ON THE AUTOMATIC RECOGNITION OF ELECTRONIC RUNNING ROUTES: TAKING RUNNING TRACKS AS AN EXAMPLE
WANG, K. [TAIWAN]

18:45 OP-BN08-4
THE ANALYSIS OF SKI FRICTION USING KINEMATIC GNSS
MIYAMOTO, N. ET AL [JAPAN]

19:00 OP-BN08-5
THE PERFECT TRIATHLON SUIT: CONSIDERATION OF FACTORS INFLUENCING FUNCTIONAL ATTRIBUTES AND PERFORMANCE OF ATHLETES
WATSON, C. ET AL [AUSTRALIA]

Brüssel/West OP-PM23

ACUTE EFFECTS OF HIT

Chair(s):

Bogdanis, G. [Greece]

Wiewelhove, T. [Germany]

18:00 OP-PM23-1
DIFFERENT MODES OF EXERCISE: LESSONS TO HIGH INTENSITY INTERVAL TRAINING
SOUSA, A. ET AL [PORTUGAL]

18:15 OP-PM23-2
HIGH-INTENSITY INTERMITTENT TRAINING VERSUS MODERATE-INTENSITY INTERMITTENT TRAINING: DIFFERENCES IN THE ACUTE RESPONSE OF HEART RATE VARIABILITY IN FEMALES
JIMÉNEZ-PAVÓN, D. ET AL [SPAIN]

18:30 OP-PM23-3
ENERGETIC CONTRIBUTION TO SMALL-SIDED SOCCER GAMES WITH DIFFFERENT GAME DURATION AND NUMBER OF PLAYERS
OH, S. ET AL [GERMANY]

18:45 OP-PM23-4
PHYSIOLOGICAL, PERCEPTUAL AND PERFORMANCE RESPONSES ASSOCIATED WITH SELF-SELECTED VERSUS STANDARDIZED RECOVERY PERIODS DURING A REPEATED SPRINT PROTOCOL IN ELITE YOUTH FOOTBALL PLAYERS
GIBSON, N. ET AL [UNITED KINGDOM]

19:00 OP-PM23-5
EFFECT OF HIGH-INTENSITY INTERVAL TRAINING ON GLUCOREGULATORY HORMONES : EFFECT OF RECOVERY MODE
BEN ABDERRAHMAN, A. ET AL [FRANCE]

19:15 OP-PM23-6
THE "GRAVITY-FACTOR" FOR EXERCISE IN SPACE: IS HIGH INTENSITY TRAINING IN SPACE COMPARABLE TO THAT ON EARTH?
PETERSEN, N. ET AL [GERMANY]

L/South IS-SH03

GETTING THE MOVES: BODILY LEARNING IN THREE MOVEMENT CULTURES

Chair(s):

Schindler, L. [Austria]

18:00 IS-SH03-1
INCARNATING A KINESTHETIC CULTURE: ON THE EMBODIMENT OF CONTEMPORARY DANCE
BASSETTI, C. [ITALY]

18:30 IS-SH03-2
VIS-ABILITY: HOW TO LEARN MARTIAL-ARTS
SCHINDLER, L. [AUSTRIA]

19:00 IS-SH03-3
BECOMING A BALLET BODY: RECONFIGURING DISTRIBUTED CORPOREALITIES
MÜLLER, S.M. [GERMANY]

M/South OP-SH10

CURRICULUM DEVELOPMENT

Chair(s):

Yoshinori, O. [Japan]

Grimminger-Seidensticker, E. [Germany]

18:00 OP-SH10-1
A RANDOMISED CONTROL TRIAL TO ASSESS THE IMPACT OF PHYSICAL EDUCATION TRAINING UPON PHYSICAL LITERACY OUTCOMES
WILLIAMS, T. ET AL [UNITED KINGDOM]

18:15 OP-SH10-2
A COMBINED MOVEMENT AND STORYTELLING INTERVENTION ENHANCES MOTOR COMPETENCE AND LANGUAGE IN PRESCHOOLERS TO A GREATER EXTENT THAN MOVEMENT OR STORYTELLING ALONE.
DUNCAN, M. ET AL [UNITED KINGDOM]

18:30 OP-SH10-3
DIFFERENCES IN CHILDREN'S PERCEIVED NEGATIVE EXPERIENCES IN PHYSICAL EDUCATION – THE ROLE OF BODY MASS INDEX AND MOTOR ABILITY
MÖHWALD, A. ET AL [GERMANY]

18:45 OP-SH10-4
BLENDED-LEARNING: CREATION OF AN INTERACTIVE LEARNING UNIT OF RUNNING
NAGL, J. ET AL [GERMANY]

19:00 OP-SH10-5
HEALTH.EDU – SPORT-RELATED HEALTH COMPETENCE OF PUPILS IN SECONDARY SCHOOLS
HESS, K. ET AL [GERMANY]

19:15 OP-SH10-6
STUDYING SPORTS SCIENCE: STUDY PROJECTS AS A WAY OF TEACHING AND LEARNING
FRITSCHEN, M. ET AL [GERMANY]

Friday, July 7th, 2017

08:00 - 09:30

Europa/West IS-PM02

EXERCISE AND THE BRAIN

Chair(s):

Schneider, S. [Germany]

08:00 IS-PM02-1
EXERCISE, NEUROTRANSMISSION & NEUROGENESIS.
MEEUSEN, R. [BELGIUM]

08:30 IS-PM02-2
FROM SPACE TO SCHOOL - NEURO-ENHANCEMENT THROUGH EXERCISE
SCHNEIDER, S. [GERMANY]

09:00 IS-PM02-3
RELATIONSHIP BETWEEN COGNITION, ANTI-OXIDANT DEFENCE SYSTEM AND VASCULAR FUNCTION: RATIONALE FOR EXERCISE INTERVENTIONS IN ADVANCED AGE
POLIDORI, M.C. ET AL [GERMANY]

Deutschland/South OP-PM44

EFFECTS OF CAFFEINE, TYROSINE AND CREATINE ON PERFORMANCE

Chair(s):

Wardenaar, F. [Netherlands]

Verdijk, L. [Netherlands]

08:00 OP-PM44-1
THE EFFECT OF CARBOHYDRATE AND CAFFEINE INGESTION ON INTERMITTENT SPRINT CYCLING IN THE HEAT
ROSS, C. ET AL [UNITED KINGDOM]

08:15 OP-PM44-2
THE EFFECTS OF CAFFEINE, TAURINE OR CAFFEINE-TAURINE CO-INGESTION ON REPEAT-SPRINT CYCLING PERFORMANCE AND PHYSIOLOGICAL RESPONSES
WALDRON, M. ET AL [UNITED KINGDOM]

08:30 OP-PM44-3
LOW, MEDIUM OR HIGH DOSE TYROSINE SUPPLEMENTATION DOES NOT INFLUENCE PROLONGED CYCLING PERFORMANCE IN THE HEAT.
TUMILTY, L. ET AL [UNITED KINGDOM]

08:45 OP-PM44-4
LOADING THE CHALLENGE: TYROSINE INTAKE AND CARDIOVASCULAR RESPONSES TO COMPETITION
HASE, A. ET AL [UNITED KINGDOM]

09:00 OP-PM44-5
THE EFFECT OF O CREATINE SUPPLEMENTATION COMBINED WITH A SHORT TERM WHOLE BODY VIBRATION TRAINING ON MOBILITY, BALANCE, AND STRENGTH IN OLD FEMALES
KAVIANI, M. ET AL [CANADA]

09:15 OP-PM44-6
THE EFFECTS OF CREATINE SUPPLEMENTATION ON EXPLOSIVE PERFORMANCE AND OPTIMAL INDIVIDUAL POSTACTIVATION POTENTIATION TIME OF UPPER BODY IN KAYAK ATHLETES
WANG, C.C. ET AL [TAIWAN]

Panorama/West IS-EX01

CSSS-ECSS EXCHANGE SYMPOSIUM: EXERCISE PERFORMANCE AND HEALTH PROMOTION

Chair(s):

ZHAO, J. [China]

08:00 IS-EX01-1
DEVELOPMENT AND VALIDATION OF BODY FAT PREDICTION EQUATION IN 20–69 ADULTS
ZHAO, J. ET AL [CHINA]

08:30 IS-EX01-2
INVESTIGATION THE HEALTH BEHAVIOR OF SCHOOL-AGED CHILDREN IN HARBIN, NORTHEAST CHINA
WANG, M. ET AL [CHINA]

09:00 IS-EX01-3
USING EXERCISE AND ALTERNATE STRATEGIES TO OPTIMISE CARDIOVASCULAR HEALTH
CABLE, N.T. [UNITED KINGDOM]

Berlin/West IS-BN07

BIG DATA IN SPORTS

Chair(s):

Lames, M. [Germany]

08:00 IS-BN07-1
BIG DATA IN SPORTS: THE DEVELOPER PERSPECTIVE
MCCORMICK-SMITH, A. [GERMANY]

08:30 IS-BN07-2
BIG DATA IN SPORTS: THE ANALYTICS PERSPECTIVE
LUCEY, P. [UNITED STATES]

09:00 IS-BN07-3
BIG DATA IN SPORTS: THE SPORTS PERSPECTIVE
VOLOSSOVITCH, A. [PORTUGAL]

Rheinland/South OP-BN11

ADAPTATIONS OF THE MUSCLE-TENDON SYSTEM

Chair(s):

Seynnes, O. [Norway]

Raiteri, B. [Germany]

08:00 OP-BN11-1
OPERATING LENGTH AND ACTIVATION OF M. VASTUS LATERALIS FASCICLES DURING WALKING AND RUNNING
BOHM, S. ET AL [GERMANY]

08:15 OP-BN11-2
COMPARISON OF TWO MINUTES STATIC STRETCHING WITH CONSTANT TORQUE OR CONSTANT ANGLE – EFFECTS ON THE MUSCLE-TENDON-UNIT
TILP, M. [AUSTRIA]

08:30 OP-BN11-3
STRETCHING OF ACTIVE MUSCLE EVOKES GREATER ACUTE INCREASES IN PLANTAR-FLEXOR RANGE OF MOTION THAN STATIC STRETCHING
KAY, A.D. ET AL [UNITED KINGDOM]

08:45 OP-BN11-4
SHORT-TERM INCIDENCES OF ISOMETRIC CONTRACTION ASSOCIATED TO VIBRATION ON MUSCLE ELASTIC COMPONENTS
GERMAIN, PH. ET AL [FRANCE]

09:00 OP-BN11-5
CONDITIONING HOPS INCREASE TRICEPS SURAE MUSCLE FORCE AND ACHILLES TENDON STRAIN ENERGY IN THE STRETCH-SHORTENING CYCLE
KÜMMEL, J. ET AL [GERMANY]

09:15 OP-BN11-6
EFFECTS OF WARM-UP ON HAMSTRING MUSCLES STIFFNESS: CYCLING VS. FOAM ROLLING
GUILHEM, G. ET AL [FRANCE]

New York/West OP-PM24

TESTING IN GAME SPORTS

Chair(s):

Zemkova, E. [Slovakia]

Gruber, M. [Germany]

08:00 OP-PM24-1
ARE GENERAL PHYSICAL TESTS SUITABLE TO PREDICT SPECIFIC TEAM SPORT PERFORMANCE?
WAGNER, H. ET AL [AUSTRIA]

08:15 OP-PM24-2
EXPLORING PASSING SKILLS OF SOCCER PLAYERS ACCORDING TO THEIR PLAYING POSITIONS
SAAL, C. ET AL [GERMANY]

08:30 OP-PM24-3
RELATIONSHIP BETWEEN LINEAR RUNNING PERFORMANCE AND CHANGE OF DIRECTION PERFORMANCE OF MALE SOCCER PLAYERS
ÇINARLI, F.S. ET AL [TURKEY]

08:45 OP-PM24-4
NO RELATIONSHIP BETWEEN MATCH MINUTES PLAYED AND YYIRT1 IMPROVEMENTS
MURATORE, M. ET AL [ITALY]

09:00 OP-PM24-5
THE RELATIONSHIPS AMONG TWO REPEATED ACTIVITY TESTS AND AEROBIC FITNESS OF VOLLEYBALL PLAYERS
MECKEL, Y. ET AL [ISRAEL]

09:15 OP-PM24-6
CONSTRUCT VALIDITY AND TEST-RETEST RELIABILITY OF THE FORCE-VELOCITY PROFILE IN A GOLF SPECIFIC ROTATION MOVEMENT
PARKER, J. [SWEDEN]

Mailand/West OP-PM25

PERFORMANCE IN JUMPING AND SPRINTING

Chair(s):

Tschan, H. [Austria]

Ishikawa, M. [Japan]

08:00 OP-PM25-1
RELATIONSHIP BETWEEN ONE-REPETITION MAXIMUM OF PLANTAR FLEXORS WITH JUMPING AND SPRINTING PERFORMANCES
MICKEL, C. ET AL [GERMANY]

08:15 OP-PM25-2
NEUROMUSCULAR EFFECTS TO SIX WEEKS OF LOADED COUNTERMOVEMENT JUMPING WITH TRADITIONAL AND DAILY UNDULATING PERIODIZATION
ULLRICH, B. ET AL [GERMANY]

08:30 OP-PM25-3
COMPARISON OF VERTICAL JUMPS PERFORMANCES IN PHYSICAL EDUCATION STUDENT WITH CAUCASIAN OR WEST AFRICAN

ORIGINS
DRISS, T. ET AL [FRANCE]

08:45 OP-PM25-4
SPRINT MECHANICAL PROPERTIES OF FEMALE AND DIFFERENT AGED MALE SOCCER PLAYERS
BAUMGART, C. ET AL [GERMANY]

Brüssel/West OP-SH11

DEVELOPMENT OF YOUTH FOOTBALL PLAYERS

Chair(s):

Isoard-Gautheur, S. [France]

Pelka, M. [Germany]

08:00 OP-SH11-1
HOW TO FACILITATE SOCCER ACTIVITY OUTSIDE OF ORGANIZED TEAM TRAININGS? RELATIONSHIPS WITH AUTONOMY-SUPPORT AND BASIC PSYCHOLOGICAL NEED SATISFACTION.
GJESDAL, S. ET AL [NORWAY]

08:15 OP-SH11-2
TALENT DEVELOPMENT IN FOOTBALL: THE SPECIALISED SAMPLING MODEL
SIEGHARTSLEITNER, R. ET AL [SWITZERLAND]

08:30 OP-SH11-3
UNDERSTANDING PLAYER PROGRESSION FROM YOUTH LEVEL TO SENIOR ENVIRONMENTS IN PROFESSIONAL FOOTBALL: A COACH PERSPECTIVE
RØYNESDAL, Ø. ET AL [NORWAY]

08:45 OP-SH11-4
YOUNG AUSTRALIAN FOOTBALLERS' EXPERIENCE OF ROLE STRAIN IN THEIR DRAFT YEAR
SAUNDERS, J. ET AL [AUSTRALIA]

09:00 OP-SH11-5
THE IMPACT OF A PRE-MATCH VIDEO INTERVENTION ON PERFORMANCE AND PSYCHOLOGICAL VARIABLES IN ELITE YOUTH FOOTBALL
MIDDLEMAS, S. ET AL [UNITED KINGDOM]

L/South IS-SH07

VOLITION IN SPORT AND PHYSICAL ACTIVITY

Chair(s):

Kellmann, M. [Germany]

08:00 IS-SH07-1
VOLITION, PERSONALITY AND SPORT PERFORMANCE
BECKMANN, J. [GERMANY]

08:30 IS-SH07-2
VOLITION IN THE PHYSICAL ACTIVITY CONTEXT: MEASUREMENT OF VOLITION AND ITS IMPORTANCE FOR KEEPING UP REGULAR EXERCISE
ELBE, A.M. ET AL [DENMARK]

09:00 IS-SH07-3
STRENGTH MODEL OF VOLITION
ENGLERT, C. [SWITZERLAND]

M/South OP-PM38

HEALTH AND PHYSICAL ACTIVITY IN DIFFERENT CONDITIONS

Chair(s):

Howe, D. [United Kingdom]

Schaar, B. [Germany]

08:00 OP-PM38-1
CROSS-SECTIONAL AND LONGITUDINAL ASSOCIATIONS BETWEEN DIFFERENT EXERCISE TYPES AND FOOD CRAVINGS IN YOUNG ADULTS
DRENOWATZ, C. ET AL [AUSTRIA]

08:15 OP-PM38-2
ABILITY OF PYSCHO-SOCIAL VARIABLES TO EXPLAIN PHYSICAL ACTIVITY PATTERNS OF INDIVIDUALS TRANSITIONING INTO UNIVERSITY.
LE ROSSIGNOL, P. ET AL [AUSTRALIA]

08:30 OP-PM38-3
RELATIONSHIP BETWEEN PHYSICAL ACTIVITY AND PHYSICAL PERFORMANCE IN BLACK AFRICAN WOMEN FROM A LOW RESOURCED ENVIRONMENT: B-HEALTHY STUDY
MOSS, S.J. ET AL [SOUTH AFRICA]

08:45 OP-PM38-4
GOOD PRACTICES IN ADAPTED PHYSICAL ACTIVITY FOR CANCER PATIENTS AND SURVIVORS: OPINION OF THE RAVIVA PROGRAM PARTICIPANTS
ROMPEN, J. ET AL [BELGIUM]

OP-PM38-5
ENVIRONMENTAL FACTORS INFLUENCING PHYSICAL ACTIVITY BEHAVIOR AMONG QATARI WOMEN
ZIMMO, L. ET AL [QATAR]

Friday, July 7th, 2017

09:45 - 11:15

Europa/West IS-SP03

ACHIEVING TOP PERFORMANCE AND INJURY PREVENTION IN FOOTBALL: FROM SCIENCE TO PRACTICE - SPONSORED BY ASPETAR

Chair(s):

Nassis, G. [Qatar]

09:45 IS-SP03-1
WORKLOAD MONITORING, PERFORMANCE ENHANCEMENT AND INJURY RISK
NASSIS, G. [QATAR]

10:15 IS-SP03-2
PSYCHOLOGICAL PREDICTORS OF INJURIES IN TEAM SPORTS
PODLOG, L. [UNITED STATES]

10:45 IS-SP03-3
AN INTEGRATED SPORTS MEDICINE AND SPORTS SCIENCE APPROACH FOR INJURY AND DISEASE PREVENTION IN FOOTBALL: THEORY AND PRACTICAL APPLICATION
MEYER, T. [GERMANY]

Deutschland/South OP-PM52

NUTRITION AND SUPPLEMENTS 2

Chair(s):

Wardenaar, F. [Netherlands]

Stevenson, E. [United Kingdom]

09:45 OP-PM52-1
DIETARY NITRATE SUPPLEMENTATION DOES NOT IMPROVE CYCLING TIME-TRIAL PERFORMANCE IN THE HEAT
KENT, G.L. ET AL [AUSTRALIA]

10:00 OP-PM52-2
SEASONAL VITAMIN D INSUFFICIENCY, PHYSICAL PERFORMANCE AND INJURY INCIDENCE IN UK-DWELLING UNIVERSITY ATHLETES: PRELIMINARY DATA FROM THE D-BIICEP STUDY
WILSON-BARNES, S. ET AL [UNITED KINGDOM]

10:15 OP-PM52-3
HYDROLYSED KERATIN SUPPLEMENTATION IN PHYSICALLY ACTIVE INDIVIDUALS INCREASES LEAN BODY MASS COMPARED WITH CASEIN
STANNARD, S. ET AL [NEW ZEALAND]

10:30 OP-PM52-4
A NOVEL BITTER SOLUTION CAN INCREASE SHORT-TERM POWER OUTPUT IN A 3 KM CYCLING TIME-TRIAL
ETXEBARRIA, N. ET AL [AUSTRALIA]

10:45 OP-PM52-5
EPHEDRA ALKALOIDS CONTENT IN CHINESE HERBAL FORMULAS SOLD IN TAIWAN
CHANG, C.W. ET AL [TAIWAN]

11:00 OP-PM52-6
BREATH CARBON STABLE ISOTOPE RATIOS AS A POTENTIAL BIOMARKER OF ENERGY INTAKE AND ENERGY BALANCE STATUS
HORNER, K.M. ET AL [IRELAND]

Panorama/West IS-PM11

RESISTANCE TRAINING IN YOUTH ATHLETES

Chair(s):

Muehlbauer, T. [Germany]

09:45 IS-PM11-1
YOUTH ATHLETE DEVELOPMENT
ARMSTRONG, N. [UNITED KINGDOM]

10:15 IS-PM11-2
YOUTH ATHLETIC DEVELOPMENT: MINIMISING RISKS AND MAXIMISING REWARDS
OLIVER, J. [UNITED KINGDOM]

10:45 IS-PM11-3
EFFECTS OF RESISTANCE TRAINING IN YOUTH ATHLETES ON MUSCULAR FITNESS AND ATHLETIC PERFORMANCE: A CONCEPTUAL MODEL FOR LONG-TERM ATHLETE DEVELOPMENT
GRANACHER, U. [GERMANY]

Berlin/West IS-BN02

BRAIN AND NEUROMUSCULAR FUNCTION IN OLD AGE– IMPLICATIONS FOR COGNITIVE AND MOTOR

PERFORMANCE

Chair(s):

Narici, M. [United Kingdom]

09:45 IS-BN02-1
BRAIN METRICS AND IMPAIRED MOTOR PERFORMANCE: THE EFFECTS OF AGING ON STRUCTURAL AND FUNCTIONAL INTERHEMISPHERIC INTERACTIONS
LEVIN, O. [BELGIUM]

10:15 IS-BN02-2
NEUROMUSCULAR PROTECTIVE EFFECTS OF REGULAR PHYSICAL ACTIVITY
NARICI, M.V. ET AL [UNITED KINGDOM]

10:45 IS-BN02-3
RELATIONSHIP BETWEEN POSTURAL CONTROL AND POSTURE-UNRELATED ATTENTION CONTROL IN ADVANCED AGE
NETZ, Y. [ISRAEL]

Rheinland/South OP-PM27

INTERVENTIONS TO OPTIMIZE RECOVERY

Chair(s):

Donath, L. [Switzerland]

Kölling, S. [Germany]

09:45 OP-PM27-1
REGULAR ACTIVE RECOVERY DURING A HIGH-INTENSITY INTERVAL-TRAINING MESOCYCLE DOES NOT ATTENUATE TRAINING ADAPTATION
WIEWELHOVE, T. ET AL [GERMANY]

10:00 OP-PM27-2
DOES REGULAR COLD WATER IMMERSION AFTER STRENGTH TRAINING ATTENUATE TRAINING ADAPTATION? A RANDOMIZED CONTROLLED TRIAL
POPPENDIECK, W. ET AL [GERMANY]

10:15 OP-PM27-3
EFFECTS OF EXTERNAL COUNTERPULSATION THERAPY ON RECOVERY FOLLOWING A RUGBY LEAGUE MATCH.
KELLY, V. ET AL [AUSTRALIA]

10:30 OP-PM27-4
RESTING TO RECOVER: INFLUENCE OF SLEEP EXTENSION ON RECOVERY FOLLOWING HIGH-INTENSITY EXERCISE.
PITCHFORD, N.W. ET AL [AUSTRALIA]

New York/West OP-PM26

SPORTS TECHNOLOGY: GAME SPORTS

Chair(s):

Ali, A. [New Zealand]

Coutts, A. [Australia]

09:45 OP-PM26-1
EVALUATION OF LATEST GPS AND LPS FOR DETERMINING MOVEMENT PATTERNS IN SOCCER
HOPPE, M. ET AL [GERMANY]

10:00 OP-PM26-2
HIGH-ACCURACY UWB & MEMS-BASED INDOOR LOCALIZATION SYSTEM FOR INDOOR SPORTS ACTIVITIES
LIU, Y. ET AL [CHINA]

10:15 OP-PM26-3
GPS VARIABLES CLASSIFICATION PROPOSAL BASED ON RATIONAL QUALITATIVE FEATURES
GOMEZ, A. ET AL [SPAIN]

10:30 OP-PM26-4
RUNNING AND METABOLIC DEMANDS OF ELITE RUGBY UNION ASSESSED USING TRADITIONAL, METABOLIC POWER AND HEART RATE MONITORING
DUBOIS, R. ET AL [FRANCE]

10:45 OP-PM26-5
QUANTITATIVE ASSESSMENT OF OFF-THE-BALL MOVEMENTS BASED ON QUALITATIVE ASSESSMENT IN INVASION GAMES
FUCHITA, K. ET AL [JAPAN]

11:00 OP-PM26-6
METABOLIC POWER: A SENSITIVE TOOL TO DETECT REPEATED HIGH INTENSITY EFFORTS IN TEAM SPORT
POLGLAZE, T. ET AL [AUSTRALIA]

Mailand/West OP-BN12

BALANCE AND POSTURE

Chair(s):

Lauber, B. [Germany]

Linnamo, V. [Finland]

09:45 OP-BN12-1
THE EFFECT OF ISOLATED CORE STABILITY TRAINING ON UPPER EXTREMITY PERFORMANCE IN OVERHEAD ATHLETES
BASANDAC, G. ET AL [TURKEY]

10:00 OP-BN12-2
SENSORY INTEGRATION OF LIGHT TOUCH CUES IN HUMAN STANDING BALANCE
ASSLÄNDER, L. ET AL [GERMANY]

10:15 OP-BN12-3
RELATIONS BETWEEN BALANCE ABILITY AND POSTURAL SWAY IN VISUAL DEPRIVED MONOPEDAL STANCE
FISCHER, H. ET AL [GERMANY]

10:30 OP-BN12-4
A MATERNITY SUPPORT BELT AFFECTS POSTURE BUT NOT STATIC STABILITY IN PREGNANT WOMEN
BEY, M.E. ET AL [GERMANY]

10:45 OP-BN12-5
DYNAMIC POSTURAL STABILITY ASSESSMENT: DO DIFFERENT TESTS MEASURE THE SAME?
RINGHOF, S. ET AL [GERMANY]

11:00 OP-BN12-6
INVESTIGATION OF THE USE OF THE ARMS IN RECOVERING FROM POSTURAL PERTURBATIONS
AK, E. ET AL [TURKEY]

Brüssel/West OP-PM58

TRAINING AND EXERCISE IN CLINICAL POPULATIONS 1

Chair(s):

Wagenmakers, A. [United Kingdom]

Mougios, V. [Greece]

09:45 OP-PM58-1
MELATONIN DECREASES DIABETES MUSCULAR INFLAMMATION INDUCED BY STRENUOUS EXERCISE
HATANAKA, E. [BRAZIL]

10:00 OP-PM58-2
IMPROVEMENTS IN FITNESS ARE NOT OBLIGATORY FOR EXERCISE TRAINING-INDUCED IMPROVEMENTS IN CV RISK FACTORS
HARTMAN, Y. ET AL [NETHERLANDS]

10:15 OP-PM58-3
THE USE OF THE CR-10 SCALE TO ALLOW SELF-REGULATION OF ISOMETRIC EXERCISE INTENSITY IN PRE-HYPERTENSIVE AND HYPERTENSIVE PARTICIPANTS.
MORRIN, N. ET AL [UNITED KINGDOM]

10:30 OP-PM58-4
EVALUATION OF MUSCLE OXIDATIVE METABOLISM DURING EXERCISE IN PATIENTS WITH AMYOTROPHIC LATERAL SCLEROSIS
FERRI, A. ET AL [AUSTRALIA]

OP-PM58-5
ACUTE BIOMARKER RESPONSES TO EXERCISE IN PEOPLE WITH AND WITHOUT ABDOMINAL AORTIC ANEURYSM
WINDSOR, M. ET AL [AUSTRALIA]

L/South IS-SH05

DOPING PREVENTION – THE ROLE OF COACHES

Chair(s):

Patterson, L. [United Kingdom]

09:45 IS-SH05-1
INVESTIGATING UK-BASED COACHES' ROLES IN THE QUEST FOR CLEAN SPORT
PATTERSON, L. [UNITED KINGDOM]

10:15 IS-SH05-2
DOPING IN SPORT: AUSTRIAN COACHES' KNOWLEDGE, ATTITUDES, AND PREVENTIVE BEHAVIOUR
BLANK, C. ET AL [AUSTRIA]

10:45 IS-SH05-3
THE NATURE OF COACHES' EFFICACY IN CONFRONTING DOPING ATHLETES
SULLIVAN, P. [CANADA]

M/South OP-SH12

FACTORS INFLUENCING PHYSICAL ACTIVITY

Chair(s):

Sassatelli, R. [Italy]

Schulz, H. [Germany]

09:45 OP-SH12-1
ACTIVE YOUTH - PHYSICAL ACTIVITY AND MOBILITY OF ADOLESCENTS IN PUBLIC

SPACES IN VIENNA
DIKETMUELLER, R. ET AL [AUSTRIA]

10:00 OP-SH12-2
STUDY ON THE INTERGENERATIONAL RELATIONSHIP OF FAMILY PHYSICAL EXERCISE IN CHINA
FUBAIHUI, W. [CHINA]

10:15 OP-SH12-3
EFFECTIVENESS AND COST-EFFECTIVENESS OF A VERY BRIEF PEDOMETER-BASED INTERVENTION: THE VBI RANDOMISED CONTROL TRIAL
THEIL, F. ET AL [UNITED KINGDOM]

10:30 OP-SH12-4
A PERSON-CENTERED ANALYSIS OF MOTIVATION FOR PHYSICAL ACTIVITY AND PERCEIVED NEIGHBOURHOOD ENVIRONMENT IN RESIDENTS OF ASSISTED LIVING FACILITIES
THOGERSEN-NTOUMANI, C. ET AL [AUSTRALIA]

10:45 OP-SH12-5
CORRELATES OF PHYSICAL ACTIVITY PARENTING
LAUKKANEN, A. ET AL [FINLAND]

N/South OP-PM74

PHYSIOLOGY IN LONG DISTANCE SPORTS

Chair(s):

Macintosh, B. [Canada]

Sousa, A. [Portugal]

09:45 OP-PM74-1
COMPARISON OF PHYSIOLOGICAL STRESS BETWEEN THE FRONT SADDLE CYCLIST AND THE REAR SADDLE CYCLIST DURING A FIVE-HOUR ENDURANCE TANDEM-BICYCLE RACE
ONODERA, S. ET AL [JAPAN]

10:00 OP-PM74-2
WHAT DOES IT TAKE TO COMPLETE A MULTI-STAGE MOUNTAIN BIKE RACE?
ENGELBRECHT, L. ET AL [SOUTH AFRICA]

10:15 OP-PM74-3
PHYSIOLOGICAL AND BIOMECHANICAL DETERMINANTS OF PERFORMANCE IN WORLD-CLASS RACEWALKERS
SANTOS-CONCEJERO, J. ET AL [SPAIN]

10:30 OP-PM74-4
CHANGES IN THE NUMBER AND ACTIVATION OF CIRCULATORY T-REGULATORY CELLS AFTER A MARATHON
CLIFFORD, T. ET AL [UNITED KINGDOM]

Friday, July 7th, 2017

16:15 - 17:45

Europa/West IS-PM06

FASCIA - AN EXTENSIVELY OVERLOOKED TISSUE

Chair(s):

Behm, D. [Canada]

16:15 IS-PM06-1
FASCIAE - THE FORGOTTEN TISSUE
STECCO, C. [ITALY]

16:45 IS-PM06-2
THE IMPACT OF NUTRITION ON THE FASCIAL SYSTEM
OESSER, S. [GERMANY]

17:15 IS-PM06-3
THE EFFECTS AND POTENTIAL MECHANISMS OF FOAM ROLLING ON ATHLETIC PERFORMANCE
BEHM, D. [CANADA]

Deutschland/South IS-EX03

ACSM-ECSS EXCHANGE SYMPOSIUM: THE COMPELLING LINK BETWEEN PHYSICAL ACTIVITY AND YOUR BODYS DEFENSE SYSTEM

Chair(s):

Meeusen, R. [Belgium]

16:15 IS-EX03-1
PRACTICAL STRATEGIES TO AVOID IMMUNE IMPAIRMENT IN THE ENDURANCE ATHLETE AND WARFIGHTER
WALSH, N. [UNITED KINGDOM]

16:45 IS-EX03-2
THE IMMUNE SYSTEM DOES ITS JOB BETTER WITH EXERCISE
NIEMAN, D. [UNITED STATES]

Panorama/West OP-PM49

MOLECULAR BIOLOGY 1

Chair(s):

Baar, K. [United States]

Morales-Álamo, D. [Spain]

16:15 OP-PM49-1
ELASTIC BAND RESISTANCE TRAINING INDUCES EXTRACELLULAR MATRIX GENES IN SKELETAL MUSCLE OF OLDER FEMALES AS EVALUATED BY RNA SEQUENCING
WESSNER, B. ET AL [AUSTRIA]

16:30 OP-PM49-2
THE EFFECT OF LIFE-LONG SPORT ON MICRORNA EXPRESSION PATTERN IN HUMAN SKELETAL MUSCLE
BORI, Z. ET AL [HUNGARY]

16:45 OP-PM49-3
WHY CHANGES IN MRNA CONTENT MIGHT GIVE LIMITED INSIGHTS INTO ADAPTATIONS TO EXERCISE
BISHOP, D. ET AL [AUSTRALIA]

17:00 OP-PM49-4
THE BASAL EXPRESSION OF GENES AND PROTEINS INVOLVED IN ADAPTATION TO AEROBIC TRAINING IN HUMAN SKELETAL MUSCLE
POPOV, D.V. ET AL [RUSSIA]

17:15 OP-PM49-5
SEX-BASED DIFFERENCES IN SKELETAL MUSCLE FIBER COMPOSITION AND THE ROLE OF GENETIC POLYMORPHISMS
KUMAGAI, H. ET AL [JAPAN]

17:30 OP-PM49-6
MOLECULAR RESPONSE TO STRENGTH EXERCISE IN HUMAN SKELETAL MUSCLE: EFFECTS OF FITNESS LEVEL AND MUSCLE FIBER COMPOSITION
LYSENKO, E.A. ET AL [RUSSIA]

Berlin/West IS-BN05

VARIABILITY AND COORDINATION IN HUMAN MOVEMENT

Chair(s):

Müller, E. [Austria]

16:15 IS-BN05-1
MOTOR CONSTRAINTS AND FUNCTIONAL VARIABILITY
MÜLLER, E. ET AL [AUSTRIA]

16:45 IS-BN05-2
EXAMINING MOVEMENT COORDINATION AND IT'S VARIABILITY TO UNDERSTAND PATHOLOGICAL GAIT.
BOYER, K. [UNITED STATES]

17:15 IS-BN05-3
BALANCE AND COORDINATION
FEDEROLF, P. [AUSTRIA]

Rheinland/South OP-PM28

PHYSIOLOGY AND TRAINING IN CYCLING

Chair(s):

Lamberts, R. [South Africa]

Maassen, N. [Germany]

16:15 OP-PM28-1
A COMPARISON OF MODELS TO QUANTIFY TRAINING LOAD IN CYCLING
JAVALOYES, A. [SPAIN]

16:30 OP-PM28-2
EFFECTS OF RESISTANCE TRAINING FREQUENCY ON CYCLING ECONOMY IN OLDER MEN
SCHUMANN, M. ET AL [GERMANY]

16:45 OP-PM28-3
EFFECT OF CADENCE ON INTRACORTICAL INHIBITION AND FACILITATION DURING SUBMAXIMAL CYCLING
LAUBER, B. ET AL [GERMANY]

17:00 OP-PM28-4
THE EFFECTS OF POWER OUTPUT ON JOINT MOMENT VARIABILITY AND SYNERGY IN WORLD CLASS FEMALE PURSUIT CYCLISTS
WHEAT, J.S. ET AL [UNITED KINGDOM]

17:15 OP-PM28-5
SUCCESSFUL TRAINING DESIGN FOR A ROAD CYCLING ATHLETE WITH KNEE PAIN AND MUSCULAR DYSFUNCTION: A CASE REPORT
KRAUS, K. [GERMANY]

New York/West OP-BN13

EXERCISE AND THE BRAIN

Chair(s):

Levin, O. [Belgium]

Roelands, B. [Belgium]

16:15 OP-BN13-1
THE STIMULATED CEREBELLUM: APPLICATION OF TRANSCRANIAL DIRECT CURRENT STIMULATION <TDCS> ON THE CEREBELLUM IMPROVES MOTOR ADAPTATION
PIXA, N. ET AL [GERMANY]

16:30 OP-BN13-2
GRAY MATTER VOLUME AND WHITE MATTER INTEGRITY ARE CORRELATED WITH SUBSEQUENT COMPLEX MOTOR SKILL ACQUISITION
LEHMANN, N. ET AL [SWITZERLAND]

16:45 OP-BN13-3
A CAFFEINE-MALTODEXTRIN MOUTH RINSE COUNTERS MENTAL FATIGUE.
VAN CUTSEM, J. ET AL [BELGIUM]

17:00 OP-BN13-4
PREPARATORY CORTICAL AND SPINAL SETTINGS TO COUNTERACT ANTICIPATED AND NON-ANTICIPATED PERTURBATIONS
WÄLCHLI, M. ET AL [SWITZERLAND]

17:15 OP-BN13-5
SKILL-RELATED CENTRAL MOTOR BEHAVIOUR PRECEDING LATERALIZED PRACTICE PATTERNS IN SHORT BADMINTON BACKHAND SERVES
SKRZEBA, C. ET AL [GERMANY]

17:30 OP-BN13-6
SPORT-SPECIFIC MOVEMENT-PRECEDING CORTICAL MOTOR LEARNING PROCESSES DURING ARCHERY – APPROACHING SKILL ACQUISITION
VOGT, T. ET AL [GERMANY]

Mailand/West OP-PM29

MONITORING TEAM SPORT ATHLETES

Chair(s):

Sperlich, B. [Germany]

Fernandez-Fernandez, J. [Spain]

16:15 OP-PM29-1
SEASONAL VARIATIONS IN TRAINING, PHYSICAL FITNESS, AND ANTHROPOMETRY IN FEMALE ELITE YOUTH SOCCER PLAYERS: THE ROAD TO THE GERMAN CHAMPIONSHIP
LESINSKI, M. ET AL [GERMANY]

16:30 OP-PM29-2
EFFECTS OF THE COMPETITIVE SEASON ON THE ISOKINETIC MUSCLE PARAMETERS CHANGES IN WORLD CLASS HANDBALL PLAYERS
MAURELLI, O. [FRANCE]

16:45 OP-PM29-3
AN AUTOMATED SOLUTION FOR PLANNING, TRAINING AND ANALYZING PERFORMANCE IN TEAM SPORTS: APPLICATION TO BASKETBALL
SANTOS, W. ET AL [BRAZIL]

17:00 OP-PM29-4
HEART RATE MEASURES DURING A HIIT SHOCK MICROCYCLE - A METHODOLOGICAL COMPARISON
SCHNEIDER, C. ET AL [GERMANY]

17:15 OP-PM29-5
JUMP TESTING TO ASSESS RESTORATION OF PERFORMANCE IN ELITE RUGBY UNION PLAYERS
ADAM, G. ET AL [IRELAND]

17:30 OP-PM29-6
EFFECT OF THE COLLECTING METHOD ON SESSION-RPE IN YOUTH SOCCER PLAYERS
FANCHINI, M. ET AL [ITALY]

Brüssel/West OP-PM57

TRAINING AND EXERCISE IN CLINICAL POPULATIONS 2

Chair(s):

Mougios, V. [Greece]

Pilz-Burstein, R. [Israel]

16:15 OP-PM57-1
SAFETY AND TOLERANCE OF THE INFLUENZA VACCINE IN POLISH ELITE ATHLETES - OUR EXPERIENCE FROM THE OLYMPIC GAMES IN 2016.
KRZYWANSKI, J. ET AL [POLAND]

16:30 OP-PM57-2
EFFECTS OF A 1-WEEK STAY IN THE MOUNTAINS ON 20-M SHUTTLE RUN TEST PERFORMANCE IN CHILDREN WITH ASTHMA
FRANCESCATO, M.P. ET AL [ITALY]

16:45 OP-PM57-3
PREVALENCE OF THE FEMALE ATHLETE TRIAD AMONG SECONDARY SCHOOL ATHLETES IN SINGAPORE
MUKHERJEE, S. ET AL [SINGAPORE]

OP-PM57-4
THE INNOVATIVE MOTOR INTERVENTION EFFECT IN CHILDREN ATTENDING THE TEACH ROOM
LOURENÇO, C. ET AL [PORTUGAL]

OP-PM57-5
EFFECT OF EXERCISE INTENSITY ON THE ACUTE RESPONSE OF ARTERIAL STIFFNESS IN PEOPLE WITH AND WITHOUT ABDOMINAL AORTIC ANEURYSM
PERISSIOU, M. ET AL [AUSTRALIA]

L/South IS-SH06

HOW TO INTEGRATE PEDAGOGY OF HEALTH AND PHYSICAL EDUCATION FOR SCHOOL SUBJECT?

Chair(s):

Yoshinori, O. [Japan]

16:15 IS-SH06-1
HOW TO INTEGRATE PEDAGOGY OF HEALTH AND PHYSICAL EDUCATION FOR SCHOOL SUBJECT?
YOSHINORI, O. [JAPAN]

16:45 IS-SH06-2
HEALTH AND PHYSICAL EDUCATION FROM A EUROPEAN PERSPECTIVE
CLOES, M. [BELGIUM]

17:15 IS-SH06-3
EXPLORING THE IMPACT OF PUBLIC HEALTH AGENDAS IN PHYSICAL EDUCATION TEACHER EDUCATION: AN AUSTRALIAN PERSPECTIVE
MCCUAIG, L. [AUSTRALIA]

M/South OP-SH13

ATHLETIC CAREER

Chair(s):

Beckmann, J. [Germany]

Raschner, C. [Austria]

16:15 OP-SH13-1
IDENTIFICATION OF WITHIN-CAREER CHALLENGES FOR DUTCH FEMALE GYMNASTS DURING DIFFERENT STAGES OF ATHLETIC DEVELOPMENT
BLIJLEVENS, S. ET AL [BELGIUM]

16:30 OP-SH13-2
HELPING DUAL CAREER ATHLETES TO RECOVER FROM INJURY: A DUAL CAREER SUPPORT PROVIDERS' <DCSPS'> PERSPECTIVE
DEFRUYT, S. ET AL [BELGIUM]

16:45 OP-SH13-3
GOLD IN EDUCATION AND ELITE SPORT <GEES>: WHICH COMPETENCES DO STUDENT-ATHLETES REQUIRE IN COPING WITH CHALLENGING DUAL CAREER SCENARIOS?
DE BRANDT, K. ET AL [BELGIUM]

17:00 OP-SH13-4
RELATIONSHIP BETWEEN EMOTIONAL INTELLIGENCE AND SELF-EFFICACY AMONG ELITE YOUNG ATHLETES
KNISEL, E. ET AL [GERMANY]

17:15 OP-SH13-5
EMOTIONAL STATES ASSOCIATED WITH BEST PERFORMANCE; RESULTS FROM A LARGE ONLINE STUDY
LANE, A. ET AL [UNITED KINGDOM]

N/South OP-PM70

RESPIRATION AND OXYGEN UPTAKE

Chair(s):

Triska, C. [Austria]

Sousa, A. [Portugal]

16:15 OP-PM70-1
ELEVATED BASELINE WORK RATE SLOWS PULMONARY OXYGEN UPTAKE KINETICS AND DECREASES CRITICAL POWER DURING UPRIGHT CYCLING
GOULDING, R. ET AL [UNITED KINGDOM]

16:30 OP-PM70-2
THE VO2 PLATEAU IS RELATED TO OXYGEN DEFICIT AND OXYGEN KINETICS
NIEMEYER, M. ET AL [GERMANY]

16:45 OP-PM70-3
THREE WEEKS EXPOSURE TO AIR POLLUTION AND ITS INFLUENCE ON LUNG FUNCTION OF WHEELCHAIR ELITE ATHLETES
PERRET, C. ET AL [SWITZERLAND]

Friday, July 7th, 2017

18:00 - 19:30

Europa/West IS-PM07

THE INDIVIDUAL HUMAN PHENOTYPE - EFFECTS OF GENETICS, EPIGENETICS, EXERCISE AND NUTRITION

Chair(s):

Bloch, W. [Germany]

18:00 IS-PM07-1
GENETIC ASPECTS
WOLFARTH, B. [GERMANY]

18:30 IS-PM07-2
INDIVIDUAL RESPONSES TO RESISTANCE TYPE EXERCISE TRAINING
VAN LOON, L. [NETHERLANDS]

19:00 IS-PM07-3
EPIGENTIC ASPECTS
BLOCH, W. [GERMANY]

Deutschland/South IS-PM13

MACRO AND MICRO VASCULAR DYSFUNCTION: ADAPTATIONS TO EXERCISE TRAINING

Chair(s):

Birch, K. [United Kingdom]

18:00 IS-PM13-1
UNDERSTANDING THE CARDIOPROTECTIVE BENEFITS OF EXERCISE TRAINING: ROLE OF HEMODYNAMICS
THIJSSEN, D. [UNITED KINGDOM]

18:30 IS-PM13-2
EXERCISE TRAINING: INTERVAL EXERCISE, SHEAR AND PROGENITOR CELLS
BIRCH, K. [UNITED KINGDOM]

19:00 IS-PM13-3
MICROVASCULAR ADAPTATION TO EXERCISE IN HEALTH AND DISEASE
HELLSTEN, Y, HOIER, B. [DENMARK]

Panorama/West OP-PM51

NUTRITIONAL STATUS AND ANALYSIS

Chair(s):

Breen, L. [United Kingdom]

Oertzen-Hagemann, V. [Germany]

18:00 OP-PM51-1
DIETARY SUPPLEMENT USE, IMPACT ON MICRONUTRIENT INTAKE OF YOUNG ELITE GERMAN ATHLETES
BRAUN H. ET AL [GERMANY]

18:15 OP-PM51-2
NUTRITIONAL INTAKE IN ELITE CROSS-COUNTRY SKIERS DURING A SIMULATED SPRINT RACE
CARR, A. ET AL [AUSTRALIA]

18:30 OP-PM51-3
NUTRITION STATUS OF YOUNG FEMALE ELITE GERMAN FOOTBALL PLAYERS
VON ANDRIAN-WERBURG, J. ET AL [GERMANY]

18:45 OP-PM51-4
ENERGY EXPENDITURE AND FOOD INTAKE OF PROFESSIONAL FOOTBALL PLAYERS IN THE DUTCH PREMIER LEAGUE: IMPLICATIONS FOR NUTRITIONAL COUNSELING
BRINKMANS, N.Y.J. ET AL [NETHERLANDS]

19:00 OP-PM51-5
THE HORSERACING INDUSTRY'S PERCEPTION OF JOCKEY NUTRITION AND WEIGHT-MAKING
MARTIN, D. ET AL [UNITED KINGDOM]

19:15 OP-PM51-6
A COMPARISON OF DIETARY ASSESSMENT METHODS WITHIN ELITE YOUTH SOCCER PLAYERS: A PLACE FOR NEW TECHNOLOGY?
NAUGHTON, R.J. ET AL [UNITED KINGDOM]

Berlin/West IS-BN01

SPECIFICITY OF BALANCE AND BALANCE TRAINING

Chair(s):

Wenderoth, N. [Switzerland]

18:00 IS-BN01-1
BALANCE CONTROL – SPECIFIC NEUROMUSCULAR CHANGES WITH AGE
BAUDRY, S. [BELGIUM]

18:30 IS-BN01-2
BALANCE TRAINING – SPECIFIC ADAPTATIONS WITH AGE
TAUBE, W. [SWITZERLAND]

19:00 IS-BN01-3
BALANCE AND BALANCE TRAINING – TASK SPECIFICITY
GRUBER, M. ET AL [GERMANY]

Rheinland/South OP-PM31

PACING IN CYCLING AND WINTER SPORTS

Chair(s):

Hettinga, F. [United Kingdom]

Hottenrott, K. [Germany]

18:00 OP-PM31-1
THE PSYCHOPHYSIOLOGICAL DETERMINANTS OF PACING AND PERFORMANCE: FALLING BEHIND AND ITS PSYCHOPHYSIOLOGICAL CONSEQUENCES
VENHORST, A. ET AL [SOUTH AFRICA]

18:15 OP-PM31-2
PRIOR EXPERIENCE INFLUENCES PACING AND PERCEPTION DURING MIDDLE-DISTANCE CYCLING TIME TRIALS
WU, S.S.X. ET AL [AUSTRALIA]

18:30 OP-PM31-3
INCLUSION OF MAXIMAL SPRINTS WITHIN THE WARM UP DOES NOT EFFECT PACING AND PERFORMANCE DURING A 10KM CYCLE TIME TRIAL
VEEN, J. ET AL [UNITED KINGDOM]

18:45 OP-PM31-4
EFFECT OF INTENSIFIED TRAINING ON PACING IN 4000 M CYCLING TIME-TRIALS
THOMPSON, K.G. ET AL [AUSTRALIA]

19:00 OP-PM31-5
SKATING TECHNIQUE CHANGES IN WOMEN'S WC XC-SKIING COMPETITION
OLLONEN, P. ET AL [FINLAND]

19:15 OP-PM31-6
INFLUENCE OF START PERFORMANCE ON RACE RESULTS IN SKI CROSS AND SNOWBOARD CROSS
SPITZENPFEIL, P. ET AL [GERMANY]

New York/West OP-PM30

ATHLETIC TRAINING IN GAME SPORTS

Chair(s):

Zemkova, E. [Slovakia]

Coutts, A. [Australia]

18:00 OP-PM30-1
PHYSICAL CONDITIONING AND MATCH PARTICIPATION IN ELITE WOMEN'S SOCCER
ARAÚJO, M.C. ET AL [GERMANY]

18:15 OP-PM30-2
PHYSICAL PERFORMANCE, ANTHROPOMETRIC PROFILE AND MATURITY DEPEND ON PLAYING-POSITION AND HANDEDNESS IN YOUNG ELITE HANDBALL PLAYERS
KARCHER, C. ET AL [FRANCE]

18:30 OP-PM30-3
ACUTE EFFECTS OF TWO DIFFERENT TYPES WARM-UP STRATEGIES ON PHYSICAL PERFORMANCE IN PROFESSIONAL JUNIOR TENNIS PLAYERS
LÓPEZ-SAMANES, A. ET AL [SPAIN]

18:45 OP-PM30-4
THE EFFECT OF TRAINING ON PERIPHERAL NEUROMUSCULAR FATIGUE INDUCED BY REPEATED CHANGE OF DIRECTION IN BASKETBALL.
FERIOLI, D. ET AL [ITALY]

Mailand/West OP-BN14

PERFORMANCE ANALYSIS IN TEAM SPORTS

Chair(s):

Volossovitch, A. [Portugal]

Wagner, H. [Austria]

18:00 OP-BN14-1
DISCUS POSSESSION IN THE ULTIMATE FRISBEE UNDER 23 WORLD CHAMPIOSHIP FINALS
RUSSOMANNO, T. ET AL [BRAZIL]

18:15 OP-BN14-2
ANALYSIS OF SETTERS PASSING BEHAVIOR WITHIN COMPLEX 1 IN VOLLEYBALL BY MEANS OF ARTIFICIAL NEURAL NETWORKS
SCHRAPF, N. ET AL [AUSTRIA]

18:30 OP-BN14-3
DEFENDING IN FOOTBALL: THE KEY TO ANTICIPATE SUCCESSFULLY
VICENTE, A. ET AL [PORTUGAL]

18:45 OP-BN14-4
DEFENSIVE BALANCE IN ELITE FOOTBALL: APPLICATION OF EXPERT OBSERVATIONS
SCHULZE, E. ET AL [GERMANY]

19:00 OP-BN14-5
PACKING IN FOOTBALL: A DIFFERENTIAL ECOLOGICAL PERSPECTIVE ON PASSES
STEINER, S. ET AL [SWITZERLAND]

19:15 OP-BN14-6
AN APPROACH TO ANALYZE THE RELATIONSHIPS BETWEEN BASKETBALL REFEREES AND TEAM PERFORMANCE
WANG, S. ET AL [TAIWAN]

Brüssel/West OP-BN20

CORTICAL AND CORTICOSPINAL EXCITABILITY

Chair(s):

Aagaard, P. [Denmark]

Federolf, P. [Austria]

18:00 OP-BN20-1
THE EFFECT OF ACUTE LOW-INTENSITY AEROBIC EXERCISE ON INHIBITORY AND EXCITATORY CIRCUITS IN THE PRIMARY MOTOR CORTEX
YAMAZAKI, Y. ET AL [JAPAN]

18:15 OP-BN20-2
PROLONGED MOTOR IMAGERY INCREASES MOTOR-RELATED CORTICAL POTENTIAL AMPLITUDE AND PERCEPTION OF EFFORT DURING IMAGINED AND ACTUAL ISOMETRIC KNEE EXTENSIONS
PAGEAUX, B. ET AL [FRANCE]

18:30 OP-BN20-3
EFFECT OF STIMULATION FREQUENCY ON CORTICOSPINAL EXCITABILITY
VITRY, F. ET AL [FRANCE]

18:45 OP-BN20-4
CORTICOSPINAL CHANGES INDUCED BY CONCENTRIC VERSUS ECCENTRIC SINGLE-JOINT EXERCISES
GARNIER, Y. ET AL [FRANCE]

19:00 OP-BN20-5
MOTOR CORTICAL REPRESENTATION IN TWO DIFFERENT STRENGTH-TRAINING MODALITIES REVEALED BY TRANSCRANIAL MAGNETIC STIMULATION
JØRGENSEN, R. ET AL [DENMARK]

L/South IS-SH04

PREVENTION OF SEXUAL HARASSMENT AND ABUSE IN SPORTS

Chair(s):

Fasting, K. [Norway]

18:00 IS-SH04-1
PREVENTING SEXUAL HARASSMENT IN ZAMBIAN SPORT – THE VOICES OF ATHLETES AND COACHES
FASTING, K. ET AL [NORWAY]

18:30 IS-SH04-2
CHILD SEXUAL ABUSE IN SPORT AND LEISURE SETTINGS: REPORTS TO ENGLISH LOCAL AUTHORITIES 2010-15
HARTILL, M. [UNITED KINGDOM]

M/South OP-SH14

SOCIAL FACTORS AND SPORT

Chair(s):

Patterson, L. [United Kingdom]

Blank, C. [Austria]

18:00 OP-SH14-1
INVESTIGATING THE MANAGEMENT OF THE ELITE SPORT SUCCESS FACTOR TRAINING FACILITIES
BÖHLKE, N. ET AL [GERMANY]

18:30 OP-SH14-2
THE COMPARISON OF SPORT SYSTEM AND SUPPORT FROM SOCIAL ENVIRONMENT BETWEEN CHINA AND EUROPEAN COUNTRIES IN ATHLETIC TRANSITION AND CAREER DEVELOPMENT
CHENG, W. ET AL [GERMANY]

18:45 OP-SH14-3
PARENT–ADOLESCENT INTERPERSONAL RELATIONSHIPS IN YOUTH SPORT: A MIXED METHODS STUDY
LISINSKIENE, A. [LITHUANIA]

19:00 OP-SH14-4
A HOLISTIC PERSPECTIVE ON INCENTIVES AND DETERRENTS FOR DRUG-TAKING BEHAVIOUR IN ELITE ATHLETES
KEGELAERS, J. ET AL [BELGIUM]

N/South OP-PM69

METHODS IN EXERCISE PHYSIOLOGY 3

Chair(s):

de Ruiter, J. [Netherlands]

Abel, T. [Germany]

18:00 OP-PM69-1
VALIDITY OF THE 16-METRE PACER AND SIX-MINUTE WALK TEST IN ADULTS WITH DOWN SYNDROME
BOER, P. [SOUTH AFRICA]

18:15 OP-PM69-2
POSSIBILITIES AND LIMITATIONS OF THE PLAYSIGHT SMART COURT SYSTEM. DETERMINATION OF STROKE SPEED AND ACCURACY WITH THE PLAYSIGHT SMART COURT SYSTEM IN TENNIS.
STEIDL, C. ET AL [GERMANY]

18:30 OP-PM69-3
ASSESSING THE VALIDITY AND TEST RETEST RELIABILITY OF THE KINECT SENSOR WHEN SCORING THE FUNCTIONAL MOVEMENT SCREEN
SMITH, P. ET AL [IRELAND]

18:45 OP-PM69-4
ONE METABOLIC EQUIVALENT <MET> IN POSTMENOPAUSAL OBESE WOMEN IS NOT EQUAL TO THE TRADITIONALLY ACCEPTED RESTING OXYGEN CONSUMPTION VALUE
KOSAR, S.N. ET AL [TURKEY]

19:00 OP-PM69-5
SELF- AND OBSERVER-RATED TALK TEST FOR EXERCISE PRESCRIPTION IN SEDENTARY SUBJECTS
THIEL, C. ET AL [GERMANY]

Saturday, July 8th, 2017

08:00 - 09:30

Europa/West IS-PM12

MUSCLE CARNITINE: THE KEY PLAYER IN MUSCLE FUEL SELECTION?

Chair(s):

Greenhaff, P. [United Kingdom]

08:00 IS-PM12-1
THE LIMITATIONS TO FATTY ACID OXIDATION IN THE TRANSITION FROM MODERATE TO HIGH INTENSITY EXERCISE IN HUMANS AND THE MECHANISTIC BASIS OF THIS LIMITATION
JORN WULFF HELGE (DENMARK)

08:30 IS-PM12-2
THE IMPACT OF CARNITINE DEPLETION ON TISSUE CARNITINE AVAILABILITY AND MUSCLE METABOLISM AND FUNCTION
STEPHAN KRAHENBÜHL [SWITZERLAND]

09:00 IS-PM12-3
INCREASING MUSCLE CARNITINE AVAILABILITY IN HUMANS AND ITS IMPACT ON MUSCLE FUEL SELECTION AND REGULATION IN EXERCISE AND HEALTH
STEPHENS, F. [UNITED KINGDOM]

Deutschland/South IS-PM14

EXERCISE TESTING AND TRAINING IN CLINICAL POPULATIONS - FROM HIGH PERFORMANCE SPORTS TO PATIENTS

Chair(s):

Scharhag-Rosenberger, F. [Germany]

08:00 IS-PM14-1
EXERCISE TESTING IN CLINICAL POPULATIONS
SCHARHAG-ROSENBERGER, F. [GERMANY]

08:30 IS-PM14-2
"HIT THE PATIENT" - STRENGTH AND ENDURANCE TRAINING IN CLINICAL POPULATIONS
HELGERUD, J. [NORWAY]

09:00 IS-PM14-3
AEROBIC EXERCISE INTENSITY PRESCRIPTION AND HIGH-INTENSITY LOW VOLUME EXERCISE <HILVE> IN DEPRESSIVE DISORDERS
DONATH, L. [SWITZERLAND]

Panorama/West OP-PM37

TRAINING AND EXERCISE IN CLINICAL POPULATIONS 3

Chair(s):

Aagaard, P. [Denmark]

Schaar, B. [Germany]

08:00 OP-PM37-1
IS BOUTED MODERATE-VIGOROUS PHYSICAL ACTIVITY ASSOCIATED WITH FIBROMYALGIA SEVERITY IN FEMALE FIBROMYALGIA PATIENTS? THE AL-ÁNDALUS PROJECT
SEGURA-JIMÉNEZ, V. ET AL [SPAIN]

08:15 OP-PM37-2
INFLUENCE OF A SIX-MONTH HIGH-INTENSITY EXERCISE INTERVENTION ON AUTONOMIC FUNCTION DURING EXERCISE FOR CHILDREN AND ADOLESCENTS WITH ASTHMA
MCNARRY, M.A. ET AL [UNITED KINGDOM]

08:30 OP-PM37-3
INTENSIVE LIFESTYLE INTERVENTION IN TYPE 2 DIABETES IMPROVES GLYCAEMIC CONTROL WITH USE OF LESS MEDICATION <THE U-TURN STUDY>: A RANDOMISED, ASSESSOR-BLINDED, PARALLEL GROUP, CONTROLLED TRIAL
JOHANSEN, M. ET AL [DENMARK]

08:45 OP-PM37-4
CARDIORESPIRATORY FITNESS IS ASSOCIATED WITH FATIGUE EVEN AFTER CONTROLLING FOR DEPRESSION IN PERSONS MULTIPLE SCLEROSIS
SEBASTIAO, E. ET AL [UNITED STATES]

09:00 OP-PM37-5
ACTIVITY PACING, FATIGUE, PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOUR IN ADULTS WITH MULTIPLE SCLEROSIS: DATA FROM THE RESPACT STUDY
ABONIE, U.S. ET AL [UNITED KINGDOM]

Berlin/West IS-BN08

MUSCLE EMG ACTIVITIES IN SPORT SCIENCES

Chair(s):

Finni, T. [Finland]

08:00 IS-BN08-1
ANALYSING AND INTERPRETING ELECTROMYOGRAPHY
DARIO FARINA [GERMANY]

08:30 IS-BN08-2
FROM MUSCLE SYNERGIES TO MUSCLE FORCE: TOWARD A BETTER UNDERSTANDING OF MUSCLE COORDINATION STRATEGIES
HUG, F. [FRANCE]

09:00 IS-BN08-3
MUSCLE INACTIVITY AND ACTIVITY DURING NORMAL DAILY LIFE
FINNI, T. [FINLAND]

Rheinland/South OP-PM32

ENDURANCE PERFORMANCE TESTING

Chair(s):

Kilding, A. [New Zealand]

Hartmann, U. [Germany]

08:00 OP-PM32-1
PREDICTION OF PERFORMANCE BY HEART RATE-DERIVED PARAMETERS IN RECREATIONAL RUNNERS
IRAZUSTA, J. ET AL [SPAIN]

08:15 OP-PM32-2
HIGHER ACCURACY OF THE LACTATE MINIMUM TEST COMPARED TO ESTABLISHED THRESHOLD CONCEPTS <OBLA/MDMAX> TO DETERMINE MAXIMAL LACTATE STEADY STATE IN RUNNING
WAHL, P. ET AL [GERMANY]

08:30 OP-PM32-3
DIFFERENT EXHAUSTIVE PROTOCOLS AFFECT ESTIMATES OF CRITICAL SPEED AND D´
TRISKA, C. ET AL [AUSTRIA]

08:45 OP-PM32-4
COMPARIBILITY OF COMMON POOL TESTING PROTOCOLS FOR OPEN WATER SWIMMERS
PYNE, D. ET AL [AUSTRALIA]

09:00 OP-PM32-5
ESTIMATING SUBMAXIMAL AND PEAK OXYGEN UPTAKE BASED ON POSTEXERCISE MEASUREMENTS IN SWIMMING
CHAVERRI, D. ET AL [SPAIN]

09:15 OP-PM32-6
CRITICAL VELOCITY RELATIONSHIP TO VENTILATORY GAS EXCHANGE PARAMETERS AND MAXIMAL LACTATE STEADY STATE IN SWIMMING
ESPADA, M. ET AL [PORTUGAL]

New York/West IS-SH09

THE PSYCHOLOGY OF JUDGMENTS AND DECISION-MAKING IN SPORT AND EXERCISE

Chair(s):

Raab, M. [Germany]

08:00 IS-SH09-1
THE POWER OF SIMPLICITY: WHY LESS-IS-MORE IN SPORT AND EXERCISE CHOICES
RAAB, M. [GERMANY]

08:30 IS-SH09-2
THE POWER OF PARALLEL PROCESSING: EXPERTS USE OF MULTIPLE CUES IN AN INSTANT
PLESSNER, H. [GERMANY]

09:00 IS-SH09-3
THE NEED TO TAKE COMPLEXITY AND CONTEXT OF DECISION-MAKING INTO CONSIDERATION
MACMAHON, C. [AUSTRALIA]

Mailand/West OP-BN15

MODELING SPORTS PERFORMANCE

Chair(s):

Hopkins, W. [Australia]

Pfeiffer, M. [Germany]

08:00 OP-BN15-1
THE LINEAR MIXED MODEL TO THE RESCUE: WHEN YOUR DATASET DOESN'T MEET THE ASSUMPTIONS OF A REPEATED MEASURES ANOVA
WELVAERT, M. ET AL [AUSTRALIA]

08:15 OP-BN15-2
PRELOAD FOR A MORE REASONABLE PERFORMANCE PREDICTION WITH THE FITNESS FATIGUE MODEL
LUDWIG, M. ET AL [GERMANY]

08:30 OP-BN15-3
MIXED LINEAR MODELLING OF TRAINING-PERFORMANCE RELATIONSHIP IN ELITE SWIMMERS
RODRÍGUEZ, F.A. ET AL [SPAIN]

08:45 OP-BN15-4
PERFORMANCE PREDICTION USING ANTAGONISTIC MODELS IN ROWING
RASCHE, C. ET AL [GERMANY]

09:00 OP-BN15-5
INDIVIDUALIZED DETECTION OF FATIGUE AND RECOVERY USING MULTIVARIATE DATA
PITSCH, W. ET AL [GERMANY]

09:15 OP-BN15-6
THE PREDICTION OF DISADAPTATION STATE OF CARDIOVASCULAR SYSTEM IN ELITE ATHLETES FOR THE PREVENTION OF CARDIOVASCULAR DISEASES
ARUTYUNOV, Y. ET AL [RUSSIA]

Brüssel/West OP-PM56

SLEEP: THE GOOD AND THE BAD

Chair(s):

Lemyre, P. [Norway]

McCuaig, L. [Australia]

08:00 OP-PM56-1
SLEEP AND RECOVERY IN AN ELITE SUPER RUGBY UNION TEAM.
DUNICAN, I. ET AL [AUSTRALIA]

08:15 OP-PM56-2
SELF-REPORTED SLEEP CHARACTERISTICS OF TRIATHLETES COMPETING IN THE 2015 IRONMAN® WORLD CHAMPIONSHIP
PAHNKE, M. ET AL [UNITED STATES]

08:30 OP-PM56-3
THE IMPACT OF SLEEP ON COGNITIVE AND SPORT-SPECIFIC PERFORMANCE IN ELITE ATHLETES
KNUFINKE, M. ET AL [NETHERLANDS]

08:45 OP-PM56-4
EFFECTS OF SLEEP DEPRIVATION ON CARDIAC AUTONOMIC MODULATION AND ENDURANCE PERFORMANCE IN TRAINED CYCLISTS
ROBERTS, S.S.H. ET AL [AUSTRALIA]

09:00 OP-PM56-5
NIGHT GAMES: PHYSIOLOGICAL, NEUROENDOCRINE AND PSYCHOMETRIC MECHANISMS TO EXPLAIN POOR SLEEP IN ATHLETES
JULIFF, L.E. ET AL [AUSTRALIA]

L/South OP-PM33

FATIGUE AND PERFORMANCE

Chair(s):

Coutts, A. [Australia]

Fernandez-Fernandez, J. [Spain]

08:00 OP-PM33-1
MULTIPLE TENNIS MATCHES IN ONE DAY: THE EFFECT OF FATIGUE IN JUNIOR TENNIS PLAYERS
DUFFIELD, R. ET AL [AUSTRALIA]

08:15 OP-PM33-2
THE EFFECT OF SHORT-TERM FATIGUE ON SUBSEQUENT SKILL PERFORMANCE OF ELITE U-19 HONG KONG SOCCER PLAYERS
O'REILLY, J. ET AL [HONG KONG]

08:30 OP-PM33-3
IMPACT OF MENTAL AND PHYSICAL FATIGUE ON BASKETBALL-SPECIFIC PERFORMANCE
SMITH, M. ET AL [AUSTRALIA]

08:45 OP-PM33-4
EFFECT OF MUSCLE FATIGUE FOLLOWING RESISTANCE EXERCISE ON POSTURAL CONTROL IN HEALTHY YOUNG ADULTS
TSCHAN, H. ET AL [AUSTRIA]

09:00 OP-PM33-5
DOES MENTAL EXERTION INFLUENCE ROWING PERFORMANCE IN YOUNG ATHLETES?
FILIPAS, L. ET AL [ITALY]

OP-PM33-6
RECOVERY OF NEUROMUSCULAR FATIGUE FOLLOWING COMPETITIVE FOOTBALL MATCH-PLAY
BROWNSTEIN, C.G. ET AL [UNITED KINGDOM]

M/South OP-PM68

CEREBRAL BLOOD FLOW AND OXYGENATION

Chair(s):

Hannukainen, J. [Finland]

Maassen, N. [Germany]

08:00 OP-PM68-1
CORRELATION BETWEEN CEREBRAL BLOOD FLOW AND BLOOD PRESSURE DURING AND POST EXERCISE IS REPRESENTED IN CENTRAL AUTONOMIC NETWORK; A POSITRON EMISSION TOMOGRAPHY STUDY USING OXYGEN-15-LABELED WATER
HIURA, M. ET AL [JAPAN]

08:15 OP-PM68-2
REGIONAL DIFFERENCES IN CEREBRAL OXYHEMOGLOBIN CHANGES DURING MODERATE-INTENSITY CYCLING EXERCISE: A NEAR-INFRARED SPECTROSCOPY STUDY
TSUBAKI, A. ET AL [JAPAN]

08:30 OP-PM68-3
THE BREATHLESS BRAIN: EEG OSCILLATIONS DURING PROLONGED BREATH-HOLDING IN EXPERT APNEA-DIVERS AND NOVICES
STEINBERG, F. ET AL [GERMANY]

08:45 OP-PM68-4
CEREBRAL OXYGENATION DURING CORTICAL ACTIVATION: THE DIFFERENTIAL INFLUENCE OF THREE EXERCISE TRAINING MODALITIES
COETSEE, C. ET AL [SOUTH AFRICA]

09:00 OP-PM68-5
EFFECT OF AGE ON CEREBRAL BLOOD FLOW RESPONSES TO INTERVAL AND CONTINUOUS EXERCISE
KLEIN, T. ET AL [AUSTRALIA]

09:15 OP-PM68-6
CEREBRAL BLOOD FLOW RESPONSE TO APNEA IN HUMANS: INFLUENCE OF HYPERVENTILATION
PÉREZ-VALERA, M. ET AL [SPAIN]

N/South OP-PM71

WINTERSPORTS, ATHLETICS, AND ROWING

Chair(s):

Holmberg, H. [Sweden]

Federolf, P. [Austria]

08:00 OP-PM71-1
START PERFORMANCE IN SKI- AND SNOWBOARD CROSS: IMPORTANCE AND OPTIMIZATION IN COMPETITIVE SPORT
OLVERMANN, M. ET AL [GERMANY]

08:15 OP-PM71-2
THE INFLUENCE OF MATURITY STATUS AND RELATIVE AGE ON TRAUMATIC AND OVERUSE INJURIES AND ILLNESSES IN ELITE YOUTH ALPINE SKI RACERS – A TWO-SEASON PROSPECTIVE STUDY
MÜLLER, L. ET AL [AUSTRIA]

08:30 OP-PM71-3
LABORATORY-BASED FACTORS PREDICTING PERFORMANCE IN BIATHLON SKIING
LAAKSONEN, M. ET AL [SWEDEN]

08:45 OP-PM71-4
CHARACTERISTICS OF HURDLE CONTACT PATTERN AND ITS RELATION WITH RACE PERFORMANCE IN 110M HURDLES
IWASAKI, R. ET AL [JAPAN]

09:00 OP-PM71-5
ESTIMATING OPTIMAL STRIDE FREQUENCIES IN RUNNING FROM TRAINING DATA
VAN OEVEREN, B. [NETHERLANDS]

09:15 OP-PM71-6
TEAM SYNERGIES IN ROWING: HOW RECIPROCAL COMPENSATION CHANGED UNDER THE EFFECT OF VARYING CADENCES
RKIOUAK, M. ET AL [FRANCE]

Saturday, July 8th, 2017

09:45 - 11:15

Europa/West OP-PM54

PHYSIOLOGY OF HIGH-INTENSITY EXERCISE AND TRAINING

Chair(s):

Gaffney, C. [United Kingdom]

Sperlich, B. [Germany]

09:45 OP-PM54-1
THE ACUTE RESPONSE TO EXERCISE IN ENDOTHELIAL FUNCTION IS BLUNTED AFTER AEROBIC INTERVAL EXERCISE BUT NOT AFTER MODERATE INTENSITY EXERCISE TRAINING
LYALL, G.K. ET AL [UNITED KINGDOM]

10:00 OP-PM54-2
THE ENERGETIC COST OF RUNNING ON A NON-MOTORIZED TREADMILL – PRELIMINARY FINDINGS
SCHOENMAKERS, P.P.J.M. ET AL [UNITED KINGDOM]

10:15 OP-PM54-3
THE INFLUENCE OF A SIX-MONTH, HIGH-INTENSITY INTERVAL TRAINING INTERVENTION ON THE PULMONARY OXYGEN UPTAKE KINETICS IN ADOLESCENTS WITH AND WITHOUT ASTHMA
WINN, C.O.N. ET AL [UNITED KINGDOM]

10:30 OP-PM54-4
CONSIDERATIONS FOR THE DOSE RESPONSE IN SPRINT INTERVAL TRAINING INTERVENTIONS
OCONNOR, D. ET AL [IRELAND]

10:45 OP-PM54-5
EXERCISE TRAINING IMPROVES DEPOT SPECIFIC ADIPOSE TISSUE METABOLISM REGARDLESS OF BASELINE GLUCOSE TOLERANCE AND SEX
MOTIANI, P. ET AL [FINLAND]

Deutschland/South OP-PM50

PROTEINS AND CARBOHYDRATES

Chair(s):

Schmidt, W. [Germany]

Paoli, A. [Italy]

09:45 OP-PM50-1
SELF-REPORTED CARBOHYDRATE DURING EXERCISE ASSESSED BY A STANDARDIZED QUESTIONNAIRE IS HIGHER THAN THE OBSERVED CARBOHYDRATE INTAKE.
WARDENAAR, F.C. ET AL [NETHERLANDS]

10:00 OP-PM50-2
THE EFFECT OF CARBOHYDRATE MOUTH RINSE ON INTERMITTENT SPRINT PERFORMANCE IN SOCCER PLAYERS
KARAYIGIT, R. ET AL [TURKEY]

10:15 OP-PM50-3
EFFECTS OF CARBOHYDRATE INGESTION ON MAXIMAL SPRINT PERFORMANCE AND NEUROHORMONAL RESPONSES
FAM, K.D. ET AL [SINGAPORE]

10:30 OP-PM50-4
EFFECTS OF INGESTING A PLACEBO ON ENDURANCE PADDLING TRAINING
ATAEI, L. [CYPRUS]

10:45 OP-PM50-5
THE EFFECT OF PROTEIN INTAKE ON MUSCLE MASS, MUSCLE STRENGTH AND MUSCLE FUNCTION IN PHYSICALLY ACTIVE ELDERLY
NUIJTEN, M.A.H. ET AL [NETHERLANDS]

11:00 OP-PM50-6
AEROBIC-STRENGTH TRAINING AND DIET COMPOSITION IN RELATION WITH FUNCTIONAL STATUS, METABOLISM AND COGNITIVE FUNCTIONS IN ELDERLY INDIVIDUALS.
SLOBODOVÁ L. ET AL [SLOVAKIA]

Panorama/West OP-PM36

PHYSICAL ACTIVITY AND HEALTH PROMOTION

Chair(s):

Effenberg, A. [Germany]

Gabriel, H. [Germany]

09:45 OP-PM36-1
NATURE OF APPROACHES TO PROMOTE PHYSICAL ACTIVITY IN BREAST CANCER SURVIVORS; LITERATURE REVIEW
GHOLIZADEH, Z. [GERMANY]

10:00 OP-PM36-2
UNDERSTANDING FOLLOW UP NON-ATTENDANCE TO A COMMUNITY-BASED PHYSICAL ACTIVITY MOTIVATIONAL INTERVIEW SESSION AMONGST AT-RISK INDIVIDUALS.
WADE, M. ET AL [UNITED KINGDOM]

10:15 OP-PM36-3
AN EXPERIMENTAL FIELD-STUDY ON ACTIVE AND PASSIVE WORK BREAKS IN A STRESSFUL WORK ENVIRONMENT
SCHOLZ, A. ET AL [GERMANY]

10:30 OP-PM36-4
PHYSICAL ACTIVITY AND BEHAVIORAL PATTERNS ASSOCIATED WITH MEDICINES USAGE IN MIDDLE-AGED ADULTS: A POPULATION BASED CROSS-SECTIONAL STUDY
KRASNIQI, E. ET AL [KOSOVO]

10:45 OP-PM36-5
NATURE EXPERIENCES IN IMMERSIVE VIRTUAL ENVIRONMENTS: A NEW CONCEPT FOR GREEN EXERCISE STUDIES AND HEALTH PROMOTION
LITLESKARE, S. ET AL [NORWAY]

Berlin/West OP-PM46

MOLECULAR BIOLOGY 2

Chair(s):

Bishop, D. [Australia]

Bloch, W. [Germany]

09:45 OP-PM46-1
SEVERE CALORIC RESTRICTION ELICITS NF-KBETA SIGNALLING IN HUMAN SKELETAL MUSCLE: INFLUENCE OF EXERCISE AND PROTEIN CONTENT IN THE DIET
MORALES-ALAMO, D. ET AL [SPAIN]

10:00 OP-PM46-2
SYNTHESIS, ABUNDANCE AND DEGRADATION RESPONSES OF HUMAN MUSCLE PROTEINS TO RESISTANCE EXERCISE TRAINING
BURNISTON, J.G. ET AL [UNITED KINGDOM]

10:15 OP-PM46-3
THE DAMAGING EFFECTS OF RUGBY COMPETITION: ARE THESE ATHLETES IN A LEAGUE OF THEIR OWN?
MOREHEN, J. ET AL [UNITED KINGDOM]

10:30 OP-PM46-4
THE APOPTOSIS PATHWAY AND GENETIC RISK FACTORS FOR ACUTE AND OVERUSE INJURIES
COLLINS, M. ET AL [SOUTH AFRICA]

10:45 OP-PM46-5
VASCULAR ENDOTHELIAL GROWTH FACTOR <VEGF> AND CAPILLARIZATION IN HUMAN SKELETAL MUSCLE IN RESPONSE TO ENDURANCE EXERCISE IN HYPOXIA, HYPEROXIA AND NORMOXIA
PRZYKLENK, A. ET AL [GERMANY]

11:00 OP-PM46-6
THE INTRA-/ INTERMUSCULAR FLUID AFTER SEVERE MUSCLE STRAIN INJURIES HAS A PRO-INFLAMMATORY PROFILE AND DIFFERENTIALLY AFFECTS ISOLATED MUSCLE AND CONNECTIVE TISSUE CELLS
BAYER, M.L. ET AL [DENMARK]

Rheinland/South OP-PM48

BACK PAIN IN SPORTS

Chair(s):

Stecco, C. [Italy]

Arampatzis, A. [Germany]

09:45 OP-PM48-1
PREVALENCE OF BACK PAIN IN ELITE ATHLETES AND A PHYSICALLY ACTIVE CONTROL GROUP
TROMPETER, K. ET AL [GERMANY]

10:00 OP-PM48-2
CHRONIC LOW BACK PAIN - EFFECTS OF SUPPLEMENTAL HEAT THERAPY ON BIOMECHANICAL PARAMETERS
FREIWALD, J. ET AL [GERMANY]

10:15 OP-PM48-3
CAN PHYSICAL PERFORMANCE PREDICT LOW BACK PAIN?
KREUZPOINTNER, F. ET AL [GERMANY]

10:30 OP-PM48-4
WHAT ARE THE RISK FACTORS FOR LOW BACK PAIN IN KAYAKERS?
JUNKO, W. ET AL [JAPAN]

10:45 OP-PM48-5
CLINICAL OUTCOME OF ISOLATED LUMBAR EXTENSION RESISTANCE TRAINING FOR CHRONIC LOWER BACK PAIN – A RETROSPECTIVE STUDY ON 626 PATIENTS
SPANG, C. ET AL [SWEDEN]

11:00 OP-PM48-6
EFFECTS OF SENSORIMOTOR TRAINING INTERVENTION ON TRUNK STABILITY AND BACK PAIN
FETT, D. ET AL [GERMANY]

New York/West OP-PM55

BOXING AND THE EYE: MIXED SESSION

Chair(s):

MacMahon, C. [Australia]

Schindler, L. [Austria]

09:45 OP-PM55-1
ACUTE BRAIN CHANGES FOLLOWING ROUTINE SUB-CONCUSSIVE IMPACTS: EVIDENCE FROM BOXING
DI VIRGILIO, T.G. ET AL [UNITED KINGDOM]

10:00 OP-PM55-2
EFFECT OF THE APPLIED ANCIENT BOXING EXERCISE ON STRENGTH OF LOWER EXTREMITIES AND QUALITY OF LIFE IN WARICHAPHUM SAKONNAKON PROVINCE OSTEOARTHRITIS: A RANDOMIZED CONTROLLED TRIAL
KATIYAJAN, N. [THAILAND]

10:15 OP-PM55-3
THE MODIFIED ANCIENT BOXING EXERCISE ON PHYSICAL PERFORMANCE IN THAI ELDERLY: A RANDOMIZED CONTROLLED TRIAL
Srisamai, T. [Thailand]

10:30 OP-PM55-4
THE ASSOCIATION BETWEEN INTRAOCULAR PRESSURE AND BLOOD PRESSURE DURING A MAXIMAL INCREMENTAL TEST
VERA, J. ET AL [SPAIN]

10:45 OP-PM55-5
VISUAL REQUIREMENTS AND VISUAL PERFORMANCE PROFILE IN FOOTBALL
OERTZEN-HAGEMANN, V. ET AL [GERMANY]

11:00 OP-PM55-6
THE EFFECT OF PHYSIOLOGICAL AROUSAL ON THE QUIET EYE OF ELITE BADMINTON PLAYERS.
GAWIN, W. ET AL [GERMANY]

Mailand/West OP-BN16

BIOMECHANICS OF JUMPING

Chair(s):

Gollhofer, A. [Germany]

Hagen, M. [Germany]

09:45 OP-BN16-1
DIFFERENT MOTION PATTERNS DURING FORWARD JUMP LANDING IN ATHLETES WITHCHRONIC ANKLE INSTABILITY, ANKLE SPRAIN COPERS AND HEALTHY CONTROLS
LIN, J.Z. ET AL [TAIWAN]

10:00 OP-BN16-2
DOES THE FOOT MUSCLE STRENGTH RELATE TO THE POSTURAL STABILITY?
KOYAMA, K. ET AL [JAPAN]

10:15 OP-BN16-3
MUSCLE ACTIVITY ONSET DURING LANDING FOLLOWING ACL RECONSTRUCTION
THEISEN, D. ET AL [LUXEMBOURG]

10:30 OP-BN16-4
SURFACE INSTABILITY DOES NOT ADVERSELY AFFECT JUMPING PERFORMANCE: A MULTIVARIABLE BIOMECHANICAL INVESTIGATION
POLLITT, L. ET AL [UNITED KINGDOM]

10:45 OP-BN16-5
A BIOMECHANICAL COMPARISON OF CMJ PERFORMANCE FOLLOWING SHORT-TERM TRADITIONAL AND DAILY-UNDULATED LOADED VERTICAL JUMP TRAINING IN AMATEUR ATHLETES
PELZER, T. ET AL [GERMANY]

11:00 OP-BN16-6
SEX AND MATURATION DIFFERENCES DURING THE TUCK JUMP ASSESSMENT IN YOUNG ATHLETES
FORT VANMEERHAEGHE, A. ET AL [SPAIN]

Brüssel/West OP-BN17

METHODS IN MUSCLE AND TENDON BIOMECHANICS

Chair(s):

Wakeling, J. [Canada]

Nosaka, K. [Australia]

09:45 OP-BN17-1
EFFECTS OF STATIC STRETCHING, DYNAMIC STRETCHING AND SUBMAXIMAL ISOMETRIC CONTRACTIONS ON MECHANICAL PROPERTIES OF PLANTAR FLEXOR MUSCLES
OPPLERT, J. ET AL [FRANCE]

10:00 OP-BN17-2
LOADING RATE AND CONTRACTION TYPE EFFECTS ON THE HUMAN ACHILLES TENDON FORCE-ELONGATION RELATIONSHIP
MCCRUM, C. ET AL [NETHERLANDS]

10:15 OP-BN17-3
DIFFERENT PATELLA MOMENT ARM FUNCTIONS ALTER THE FORCE PREDICTIONS AND SHAPE OF THE VASTUS LATERALIS MUSCLE FORCE-LENGTH RELATIONSHIP
BAKENECKER, P. ET AL [GERMANY]

10:30 OP-BN17-4
SHOULD WE USE THE SLACK TEST TO MEASURE MAXIMAL SHORTENING VELOCITY OF HUMAN MUSCLE FASCICLES?
HAGER, R. ET AL [FRANCE]

L/South OP-SH15

MENTAL FATIGUE AND RECOVERY

Chair(s):

Lane, A. [United Kingdom]

Raab, M. [Germany]

09:45 OP-SH15-1
MENTAL FATIGUE IMPAIRS SPORT-SPECIFIC REACTION TIME.
ROELANDS, B. ET AL [BELGIUM]

10:00 OP-SH15-2
MONITORING SLEEP OF THE GERMAN JUNIOR ROWING TEAM DURING THE WORLD ROWING JUNIOR CHAMPIONSHIPS FOLLOWING WESTWARD TRAVEL
KÖLLING, S. ET AL [GERMANY]

10:15 OP-SH15-3
THE EFFECT OF STRENUOUS CONCURRENT EXERCISE ON COGNITION, MOOD AND RATINGS OF ENERGY AND FATIGUE
BROWNE, S. ET AL [UNITED KINGDOM]

10:30 OP-SH15-4
INFLUENCE OF MATCH DEMANDS ON RECOVERY/STRESS STATES IN ELITE YOUTH FOOTBALL PLAYERS
PELKA, M. ET AL [GERMANY]

10:45 OP-SH15-5
THE EFFECT OF RECOVERY-STRESS IMBALANCE ON EMOTIONAL EXHAUSTION IN GERMAN COACHES
SCHAFFRAN, P. ET AL [GERMANY]

N/South OP-PM72

TOOLS AND TESTING IN SPORTS

Chair(s):

Kellmann, M. [Germany]

Senner, V. [Germany]

09:45 OP-PM72-1
ESTIMATION OF LACTATE THRESHOLD USING MACHINE LEARNING TECHNIQUES
ETXEGARAI, U. ET AL [SPAIN]

10:00 OP-PM72-2
A FUTURE APPLICATION FOR WEARABLES IN SPORT. ASSESSMENT IN PHYSICAL ACTIVITY USING OXYGEN SATURATION DETERMINATION FOR PREDICTING VENTILATORY AND LACTATE THRESHOLD
MARTIN-ESCUDERO, P. ET AL [SPAIN]

10:15 OP-PM72-3
RELIABILITY AND VALIDITY OF FIELD-BASED STRENGTH TESTS FOR ELDERLY TO BE USED IN YOUNGER KOSOVAN ADULTS
BOSHNJAKU, A. ET AL [KOSOVO]

10:30 OP-PM72-4
AGE-SPECIFIC ACCELEROMETER CUT-POINTS FOR PHYSICAL ACTIVITY INTNESITY
PARK, S. ET AL [KOREA, SOUTH]

10:45 OP-PM72-5
DEVELOPMENT OF TWO ECONOMIC AND SENSITIVE TOOLS TO ASSESS ACUTE RECOVERY AND STRESS IN SPORTS
KELLMANN, M. ET AL [GERMANY]

Saturday, July 8th, 2017

14:00 - 15:30

Europa/West OP-PM43

HYPOXIA AND BLOOD FLOW RESTRICTION 2

Chair(s):

Verdijk, L. [Netherlands]

Laaksonen, M. [Sweden]

14:00 OP-PM43-1
SKELETAL MUSCLE OXIDATIVE METABOLISM FOLLOWING ISCHAEMIC PRECONDITIONING
JEFFRIES, O. ET AL [UNITED KINGDOM]

14:15 OP-PM43-2
ISCHEMIC PRECONDITIONING IMPROVES EXERCISE PERFORMANCE FOLLOWING EXHAUSTIVE EXERCISE WITHOUT CHANGES IN OXYGEN KINETICS
ANGELL, P.J, LOWRIE, J. ET AL [UNITED KINGDOM]

Deutschland/South OP-PM45

FLUID AND BICARBONATE INTAKE

Chair(s):

Raastad, T. [Norway]

Krusche, T. [Germany]

14:00 OP-PM45-1
CHANGES IN BODY COMPOSITION AFTER LIQUID FOOD-WATER INTAKE IN YOUNG HEALTHY MALES
BULUT, S. ET AL [TURKEY]

14:15 OP-PM45-2
THE CONSUMPTION OF LIQUID DIET PRE-EXPERIMENTAL TRIALS IMPROVES ADHERENCE COMPARED TO SOLID DIET IN ATHLETES
EL-CHAB, A. ET AL [UNITED KINGDOM]

14:30 OP-PM45-3
WATER INTAKE AFTER DEHYDRATION MAKES MUSCLES MORE SUSCEPTIBLE TO CRAMP, BUT ELECTROLYTES REVERSE THE EFFECT
LAU, W.Y. ET AL [AUSTRALIA]

14:45 OP-PM45-4
SWEAT RATE, SWEAT SODIUM CONCENTRATION, CARBOHYDRATE AND FLUID INTAKE IN PROFESSIONAL FEMALE FOOTBALL PLAYERS DURING HIGH INTENSITY TRAINING
TARNOWSKI, C.A. ET AL [UNITED KINGDOM]

Panorama/West OP-PM35

HEALTHY AGEING

Chair(s):

Gabriel, H. [Germany]

Thiel, C. [Germany]

14:00 OP-PM35-1
RELATIONSHIP BETWEEN PHYSICAL FITNESS, QUALITY OF LIFE AND SHORT-TERM VERBAL MEMORY IN NURSING HOME RESIDENTS.
RODRIGUEZ, A. ET AL [SPAIN]

14:15 OP-PM35-2
EFFECTS OF A GIANT EXERCISING BOARD GAME INTERVENTION ON AMBULATORY PHYSICAL ACTIVITY AMONG NURSING HOME RESIDENTS: A PRELIMINARY STUDY
MOUTON, A. ET AL [BELGIUM]

14:30 OP-PM35-3
RELATIONSHIP OF COGNITIVE DECLINE WITH SOCIAL ACTIVITY, REGULAR EXERCISE AND PHYSICAL PERFORMANCE AMONG COMMUNITY-DWELLING OLDER PEOPLE IN NORTHERN JAPAN
KOZAKAI, R. ET AL [JAPAN]

14:45 OP-PM35-4
THE ASSOCIATION OF THE DENSITY OF GROCERY STORES WITH LIFE SPACE AREA AMONG OLDER PEOPLE LIVING ALONE OR LIVING WITH OTHERS
PAVELKA, B. [FINLAND]

15:00 OP-PM35-5
EFFECTS OF A PHYSICAL ACTIVITY INTERVENTION PROGRAM ON NUTRITIONAL STATUS AND HEALTH-RELATED PHYSICAL FITNESS OF THAI OLDER ADULTS IN BANGKOK METROPOLITAN AREA, THAILAND.
OUTAYANIK, B. ET AL [THAILAND]

15:15 OP-PM35-6
COMBINED PHYSICAL ACTIVITY AND SEDENTARISM LEVELS ARE RELATED WITH DIFFERENT BLOOD LIPID PROFILES
APARICIO UGARRIZA, R. ET AL [SPAIN]

Berlin/West OP-PM47

MOLECULAR BIOLOGY 3

Chair(s):

Wessner, B. [Austria]

Kadi, F. [Sweden]

14:00 OP-PM47-1
ALTERED MRNA EXPRESSION LEVELS IN A GENETIC SUSCEPTIBILITY MODEL FOR MUSCULOSKELETAL SOFT TISSUE INJURIES
SEPTEMBER, A.V. ET AL [SOUTH AFRICA]

14:15 OP-PM47-2
HYPERTROPHY OF HUMAN SKELETAL MUSCLE CELLS IN RESPONSE TO IN VITRO ELECTRICAL-PULSE-STIMULATION EXERCISE MODEL
TARUM, J. ET AL [SWEDEN]

14:30 OP-PM47-3
THE EFFECTS OF TFAM EXPRESSION BY ENDURANCE EXERCISE TRAINING ON AMPK, PPAR β/δ AND PGC-1α

IN MOUSE SKELETAL MUSCLE
KIM, K. ET AL [KOREA, SOUTH]

Rheinland/South OP-PM42

EXERCISE AND CANCER

Chair(s):

Bloch, W. [Germany]

Scharhag-Rosenberger, F. [Germany]

14:00 OP-PM42-1
LIBRE- PILOT: FEASIBILITY AND RESULTS OF STRUCTURED ENDURANCE TRAINING IN BRCA1 AND BRCA2 MUTATION CARRIERS
BERLING-ERNST, A. ET AL [GERMANY]

14:15 OP-PM42-2
THE PHYSICAL ACTIVITY AND FITNESS IN EUROPEAN CHILDHOOD CANCER SURVIVORS STUDY – EUROPACCS
GRYDELAND, M. ET AL [NORWAY]

14:30 OP-PM42-3
EVALUATING PHYSICAL FUNCTION IN CHILDREN WITH CANCER DURING INTENSE TREATMENT –CHALLENGES AND FEASIBILITY IN CLINICAL PRACTICE
NIELSEN, M.K.F. ET AL [DENMARK]

14:45 OP-PM42-4
EVALUATION OF A HOME-BASED PHYSICAL ACTIVITY INTERVENTION USING ACTIVITY TRACKERS IN PEDIATRIC CANCER PATIENTS
GÖTTE, M. ET AL [GERMANY]

15:00 OP-PM42-5
CHANGES IN MUSCLE STRENGTH DURING THE FIRST YEAR OF TREATMENT FOR CHILDHOOD CANCER IN A SAMPLE OF CHILDREN TAKING PART IN A CLINICAL EXERCISE INTERVENTION
SÖNTGERATH, R. ET AL [GERMANY]

New York/West OP-PM34

ACUTE RESPONSES TO EXERCISE

Chair(s):

Rønnestad, B. [Norway]

Schneider, C. [Germany]

14:00 OP-PM34-1
INDIVIDUAL STRESS RESPONSES TO DIFFERENT TRAINING LOADS IN ENDURANCE ATHLETES
HAKKARAINEN, A. ET AL [FINLAND]

14:15 OP-PM34-2
A PHYSIOLOGICAL PROFILE OF THE STRESS RESPONSE FOLLOWING RESISTANCE EXERCISE
JACKMAN, J. ET AL [UNITED KINGDOM]

14:30 OP-PM34-3
ACUTE PHYSIOLOGICAL RESPONSES TO RESISTED SLED SPRINT TRAINING AT LIGHT OR HEAVY SLED LOADS
MONAHAN, M.. ET AL [IRELAND]

14:45 OP-PM34-4
IS HEART RATE VARIABILITY A USEFUL TOOL TO ASSESS PHYSIOLOGICAL RESPONSES TO AN ACUTE TRAINING OVERLOAD IN YOUTH FEMALE ROWERS?
EGAN-SHUTTLER, J. ET AL [UNITED STATES]

15:00 OP-PM34-5
METABOLIC RESPONSE DURING SUBMAXIMAL AND MAXIMAL ERGOMETER TESTS IN ELITE SPRINT KAYAKERS
ELGH, T. ET AL [SWEDEN]

Mailand/West OP-BN18

NEUROMUSCULAR ASPECTS OF STRENGTH

Chair(s):

Lauber, B. [Germany]

Nosaka, K. [Australia]

14:00 OP-BN18-1
EFFECTS OF 4-WEEKS OF LOCAL VIBRATION TRAINING ON KNEE EXTENSION FORCE PRODUCTION AND CORTICAL VOLUNTARY ACTIVATION IN ELDERLY AND YOUNG POPULATIONS
SOURON, R. ET AL [FRANCE]

14:15 OP-BN18-2
RAPID UTILISATION OF AVAILABLE MAXIMUM STRENGTH IN EXPLOSIVE EFFORTS IS INFLUENCED BY CONTRACTION TYPE AND SPEED
TILLIN, N.A. ET AL [UNITED KINGDOM]

14:30 OP-BN18-3
MODULATION OF H-REFLEX IN BEAM WALKING OF DIFFERENT WIDTHS
SMAJLA, D. ET AL [SLOVENIA]

15:00 OP-BN18-4
EXPLOSIVE VS. CLASSIC STRENGTH TRAINING INDUCE TASK-SPECIFIC NEURAL PLASTICITY
GIBOIN, L. ET AL [GERMANY]

15:15 OP-BN18-5
A COMPARATIVE STUDY ON THE EFFECTS OF DIFFERENT TYPES OF HIGH-INTENSITY ISOTONIC LEG-EXTENSION TRAINING AT DIFFERENT VELOCITIES ON QUADRICEPS MUSCLE VOLUME
UNLÜ, G. ET AL [TURKEY]

Brüssel/West OP-BN19

MUSCLE DAMAGE AND FOAM ROLLING

Chair(s):

Cabri, J. [Norway]

Racinais, S. [Qatar]

14:00 OP-BN19-1
THE EFFECT OF PRECONDITIONING WITH ULTRASOUND DIATHERMY ON MUSCLE DAMAGE
JHUANG, Y. [TAIWAN]

14:15 OP-BN19-2
EFFECTS OF FOAM ROLLING ON MUSCLE ARCHITECTURE, EMG-ACTIVITY AND SUBMAXIMAL ISOMETRIC STRENGTH
DOEWELING, A. ET AL [GERMANY]

L/South OP-PM66

VASCULAR PHYSIOLOGY AND HEALTH

Chair(s):

Birch, K. [United Kingdom]

Jones, H. [United Kingdom]

14:00 OP-PM66-1
HABITUAL EXERCISE DECREASES SYSTOLIC BLOOD PRESSURE DURING LOW-INTENSITY RESISTANCE EXERCISE IN HEALTHY MIDDLE-AGED AND OLDER INDIVIDUALS
OTSUKI, T. ET AL [JAPAN]

14:15 OP-PM66-2
EFFECT OF CONTRACTION INTENSITY ON LEG VASCULAR CONDUCTANCE KINETICS DURING PLANTAR FLEXION EXERCISE IN YOUNGER AND OLDER ADULTS
ASKEW, C.D. ET AL [AUSTRALIA]

15:00 OP-PM66-5
THE ACUTE EFFECTS OF EXERCISE INTENSITY ON BRACHIAL ARTERY ENDOTHELIAL FUNCTION IN ABDOMINAL AORTIC ANEURYSM PATIENTS
BAILEY, T.G. ET AL [AUSTRALIA]

15:15 OP-PM66-6
RELATIONSHIPS BETWEEN CENTRAL AND LOCAL ARTERIAL STIFFNESS IN OLDER ADULTS
SHKREDOVA, D. ET AL [NETHERLANDS]

M/South OP-PM67

INJURY PREVALENCE AND PREVENTION IN TEAM SPORTS

Chair(s):

Fett, D. [Germany]

Jaitner, T. [Germany]

14:00 OP-PM67-1
THE COMPARISON OF <11+> AND <MODIFIED 11+> WARM-UP PROGRAMS ON INJURY PREVENTION, AGILITY AND SPEED DRIBBLING IN YOUNG MALE SOCCER PLAYERS
ASGARI, S.M. ET AL [IRAN]

14:15 OP-PM67-2
CORE STABILITY RELATED FMS ITEMS AS MAIN PREDICTORS OF INJURY RISK IN AMATEUR MALE SOCCER PLAYERS
KOLODZIEJ, M. ET AL [GERMANY]

14:30 OP-PM67-3
HEAD COACHES' RETURN TO PLAY DECISION MAKING AFTER INJURIES IN TEAM SPORT ATHLETES: UPON WHO OR WHAT THEY RELY ON?
NIEDERER, D. ET AL [GERMANY]

14:45 OP-PM67-4
IS THE MESSAGE GETTING THROUGH? AWARENESS AND USE OF THE FIFA11+ WARM-UP PROGRAM IN AMATEUR LEVEL FOOTBALL CLUBS
WILKE, J. ET AL [GERMANY]

15:00 OP-PM67-5
AN AGE-SPECIFIC WARM-UP PROGRAMME TO PREVENT INJURIES IN CHILDREN'S FOOTBALL REDUCES HEALTH CARE COSTS: AN ECONOMIC IMPACT STUDY
RÖSSLER, R. ET AL [SWITZERLAND]

N/South OP-PM73

METABOLISM IN DIFFERENT SPORTS

Chair(s):

Gaffney, C. [United Kingdom]

Williams, C. [United Kingdom]

14:00 OP-PM73-1
EFFECT OF ACCUMULATED WALKING AND STANDING ON POSTPRANDIAL METABOLISM IN INACTIVE ADOLESCENT GIRLS
TOLFREY, K. ET AL [UNITED KINGDOM]

14:15 OP-PM73-2
EFFECT OF SMALL-SIDED FOOTBALL ON POSTPRANDIAL LIPAEMIA IN ADOLESCENT BOYS: A COMPARISON WITH MODERATE-INTENSITY EXERCISE
SMALLCOMBE, J. [UNITED KINGDOM]

14:30 OP-PM73-3
MAXIMAL FAT OXIDATION IS RELATED TO PERFORMANCE IN AN IRONMAN TRIATHLON
FRANDSEN, J. ET AL [DENMARK]

14:45 OP-PM73-4
A GREATER MAXIMAL FAT OXIDATION RATE OCCURS AT A HIGHER EXERCISE INTENSITY DURING EXERCISE IN A COLD ENVIRONMENT
GAGNON, D.D. ET AL [CANADA]

15:00 OP-PM73-5
NEGATIVE VO2 SLOW COMPONENT DURING DOWNHILL RUNNING
LEMIRE, M. ET AL [FRANCE]

15:15 OP-PM73-6
A RESEARCH ON CHARACTERISTICS OF ENERGY CONSUMPTION IN BADMINTON ON CHINESE RESIDENTS
ZHANG, Y. [CHINA]

Thursday, July 6th, 2017

14:00 - 15:00

MO-PM01 Clinical aspects of health and fitness

LECTURE ROOM: EUROPA/WEST
Chair(s):
Ainsworth, B. [United States]
Williams, C. [United Kingdom]

MO-PM01-1 [YIA]
MEMORY FLEXIBILITY IS A LINK BETWEEN PHYSICAL-ACTIVITY RELATED ENDURANCE AND HIPPOCAMPAL MEMORY IN YOUNG ADULTS
SUWABE, K. ET AL [JAPAN]

MO-PM01-2 [YIA]
EFFECT OF EXERCISE TRAINING ON CARDIAC INFLAMMATION AND FIBROSIS IN HYPERTENSIVE OVARIECTOMIZED RATS
LIN, Y.Y. ET AL [TAIWAN]

MO-PM01-3
PHYSICAL PERFORMANCE IN ADVANCED LUNG CANCER PATIENTS AFTER A 12-WEEK EXERCISE INTERVENTION: PRELIMINARY RESULTS OF THE POSITIVE STUDY
TITZ, C. ET AL [GERMANY]

MO-PM01-4
EFFECTS OF 10 WEEKS ATORVASTATIN TREATMENT ON MUSCLE DAMAGE, MUSCLE STRENGTH, AND MITOCHONDRIAL FUNCTION IN RAT SKELETAL MUSCLES
KWAK, H.B. ET AL [KOREA, SOUTH]

MO-PM01-5
EFFECTS OF INCREASING CENTRAL ARTERIAL STIFFNESS ON CEREBRAL BLOOD FLOW PULSATILITY IN RESISTANCE-TRAINED MEN
NAKAMURA, N. ET AL [JAPAN]

MO-PM01-6
ADVANCED VASCULAR AGING IN APPARENTLY HEALTHY MALE ADOLESCENTS: THE ROLE OF CARDIORESPIRATORY FITNESS
SHERIDAN, S.E. ET AL [HONG KONG]

MO-PM01-7
AN INVESTIGATION INTO THE PHYSICAL FUNCTION IN DDH PATIENTS DIAGNOSED WITH LEG LENGTH DISCREPANCY FOLLOWING SALTER OSTEOTOMY
LI, G.J. ET AL [TAIWAN]

MO-PM03 Nutrition and supplements

LECTURE ROOM: DEUTSCHLAND/SOUTH
Chair(s):
Verdijk, L. [Netherlands]
Paoli, A. [Italy]

MO-PM03-1 [YIA]
UPREGULATION OF NICOTINAMIDE N-METHYLTRANSFERASE IN SKELETAL MUSCLE FOLLOWING PROLONGED EXERCISE AND CALORIC RESTRICTION
MARTIN-RINCON, M. ET AL [SPAIN]

MO-PM03-2 [YIA]
EFFECTS OF CAFFINE INGESTION ON EXECUTIVE FUNCTION AND CEREBRAL PERFUSION
TAKAGI, Y. ET AL [JAPAN]

MO-PM03-3 [YIA]
SODIUM NITRATE INGESTION INCREASES SKELETAL MUSCLE NITRATE CONTENT IN HUMANS
NYAKAYIRU, J. ET AL [NETHERLANDS]

MO-PM03-4 [YIA]
EFFECTS OF DIETARY NITRATE ON PHYSIOLOGICAL RESPONSES, COGNITIVE FUNCTION, AND EXERCISE PERFORMANCE AT SIMULATED HIGH AND VERY-HIGH ALTITUDE
SHANNON, O.M. ET AL [UNITED KINGDOM]

MO-PM03-5
EFFECT OF A 9-DAY PALAEOLITHIC DIET ON ENDURANCE PERFORMANCE AND ENERGY SUPPLY
WEINGARTEN, K. ET AL [GERMANY]

MO-PM03-6
DXA LEAN MASS ARTEFACT MASKS CHANGE IN RESTING ENERGY EXPENDITURE FOLLOWING 3 WEEK LOW CARBOHYDRATE HIGH FAT DIET.
BONE, J. ET AL [AUSTRALIA]

MO-PM03-7
DOES MULTIDAY DIETARY NITRATE SUPPLEMENTATION HAVE AN ERGOGENIC EFFECT ON INTERMITTENT EXERCISE PERFORMANCE AND OXYGEN PARAMETERS?
APPEL, K. ET AL [GERMANY]

MO-PM03-8
IMPACT OF A PROTEIN-BASED NUTRITIONAL SUPPLEMENT UPON DIETARY BALANCE IN TRAINED GAMES PLAYERS
ELLMORE, M. [UNITED KINGDOM]

MO-PM02 Training and testing: endurance

LECTURE ROOM: PANORAMA/WEST
Chair(s):
Wagenmakers, A. [United Kingdom]
Lane, A. [United Kingdom]

MO-PM02-1 [YIA]
EFFECTS OF TOPOGRAPHY, ROAD GRADIENT AND RIDER SPECIALITY ON MAXIMAL MEAN POWER OUTPUT DURING PROFESSIONAL CYCLING
METCALFE, A.J. ET AL [AUSTRALIA]

MO-PM02-2
IMPACT OF TYPES OF 400 KILOMETER MILITARY MARCH TRAINING ON LOWER LIMB FUNCTION AND MENTAL STATES IN KOREAN SPECIAL FORCE SOLDIERS
SUNG, B. [KOREA, SOUTH]

MO-PM02-3
EFFECTS OF SIX WEEKS SPEED ENDURANCE TRAINING WITH TREADMILL ON HURDLE ATHLETE'S PERFORMANCE
TIEN-NING, T. [TAIWAN]

MO-PM02-4
FACTORS THAT IMPROVE THE ENDURANCE RUNNING PERFORMANCE IN ELEMENTARY SCHOOL BOYS IN JAPAN
NAKATSUKA, H. ET AL [JAPAN]

MO-PM02-5
THE STRESS OF BACKPACKING
THYS, S. ET AL [GERMANY]

MO-PM02-6
INFLUENCE OF TRAINING INDUCED-FATIGUE ON PERFORMANCE INDICATORS IN CYCLISTS
SCHWINDLING, S. ET AL [GERMANY]

MO-PM02-7
IMPACT OF ENDURANCE EXERCISE IN HYPOXIA ON ACID-BASE BALANCE AND POTASSIUM KINETICS
SUMI, D. ET AL [JAPAN]

MO-PM02-8
THE RELATIONSHIP BETWEEN TIMING OF ENDURANCE EXERCISES AND PHYSIOLOGICAL RESPONSES DURING EVENING AND NIGHT-TIME SLEEP
NISHIMURA, K. ET AL [JAPAN]

MO-BN01 Neurophysiology and motor learning

LECTURE ROOM: BERLIN/WEST
Chair(s):
Levin, O. [Belgium]

MO-BN01-1 [YIA]
EFFECTS OF ACUTE AEROBIC EXERCISE ON EXECUTIVE FUNCTION: AN FMRI STUDY
KOBAYASHI, A. ET AL [JAPAN]

MO-BN01-2 [YIA]
NEURAL DECODING OF MUSCLE SYNERGY ACTIVATIONS FROM EEG SIGNALS IN HUMAN WALKING
YOKOYAMA, H. ET AL [JAPAN]

MO-BN01-3
INFLUENCE OF MENTAL LOAD ON VOLUNTARY ACTIVATION DURING REPETITIVE LOW-INTENSITY THUMB TRACKING TASK
STEINHILBER, B. ET AL [GERMANY]

MO-BN01-4
TEACHING POSTURAL PERFORMANCE AND SELF-PERCEPTION IN HANDSTANDS. DOES THE FEEDBACK STRATEGY MATTER?
ROHLEDER, J. ET AL [GERMANY]

MO-BN01-5
THE DIFFERENCES OF ADAPTABILITY AMONG ACQUIRED PATTERNS IN LEARNING TO JUGGLE
YAMAMOTO, K. ET AL [JAPAN]

MO-BN01-6
THE EFFECT OF VISUOSPATIAL WORKING MEMORY TRAINING ON EFFICACY OF EXECUTIVE FUNCTION & PERFORMANCE
FATHIREZAIE, Z. ET AL [IRAN]

MO-BN01-7
EFFECT OF MOTOR IMAGERY SPEEDS ON SOCCER DRIBBLING AMONG SKILLED PLAYERS
ZAMANI SANI, S.H. ET AL [IRAN]

MO-BN01-8
THE EFFECTS OF BLOCKED AND RANDOM IMAGERY ON LEARNING OF SOCCER SKILLS: WITH A FOCUS ON MEDIATING ROLE OF MENTAL IMAGERY ABILITY
TAHMASBI, F. ET AL [IRAN]

MO-PM06 Testing, training and recovery

LECTURE ROOM: RHEINLAND/SOUTH
Chair(s):
Hartmann, U. [Germany]
Schulz, H. [Germany]

MO-PM06-1
VALIDATION OF THE METHOD FOR EVALUATION OF ANAEROBIC THRESHOLD IN A WORKING MUSCLE
ORLOVA, E.A. ET AL [RUSSIA]

MO-PM06-2
RELATIONSHIP BETWEEN STRENGTH, JUMP AND VELOCITY PROFILE TO SPRINT PERFORMANCE OF SPRINTERS DURING A FOLLOW UP OF AN INDOOR SEASON.
NUELL, S. ET AL [SPAIN]

MO-PM06-3
THE EFFECT OF EXTENDED FAMILIARISATION ON ISOKINETIC AND ISOMETRIC MEASUREMENTS
BISSAS, A. [UNITED KINGDOM]

MO-PM06-4 [YIA]
THE EFFECT OF DIFFERENT DURATIONS OF HALF-TIME RE-WARM UP ON THE SUBSEQUENT SPRINT PERFORMANCE
YANAOKA, T. ET AL [JAPAN]

MO-PM06-5 [YIA]
A NOVEL D2O TECHNIQUE FOR DYNAMIC QUANTIFICATION OF SKELETAL MUSCLE RNA SYNTHESIS IN RELATION TO EXERCISE AND RIBOSOMAL BIOGENESIS
BROOK, M.S. ET AL [UNITED KINGDOM]

MO-PM14 Coaching: Practical questions

LECTURE ROOM: NEW YORK/WEST
Chair(s):
Ulbricht, A. [Germany]

MO-PM14-1
CORELATION BETWEEN STATIC AND DYNAMIC BALANCE AMONG ADULTS. GENDER DIFFERENCES
SHALAJ, I. ET AL [KOSOVO]

MO-PM14-2
FEASIBILITY STUDY ON DIFFERENT KIND OF FLEXIBILITY TRAINING: VIBRATION VS. CLASSIC STRETCHING
GAHLEN, M. ET AL [GERMANY]

MO-PM14-3
THE INFLUENCE OF FOAM ROLLING ON FLEXIBILITY AND MUSCLE ARCHITECTURE
YOSHIMURA, A. , INAMI, T. ET AL [JAPAN]

MO-PM14-4
COMBINING PHYSICAL EXERCISE WITH COMPLEX TASKS CONTRIBUTES TO NEUROCOGNITIVE ACTIVATION
KIMURA, K. , FUKUSHIMA, F. , YOSHIDA, M. 2, AND TANAKA, K. 1 [JAPAN]

MO-PM14-5
RESEARCH ON THE DIFFERENCE BETWEEN THE PLAYER RETIRED AT THE YOUTH AGE IN TOP LEVELS, AND THE PLAYER WHO CONTINUED EVEN THE SENIOR
UEMATSU, Y. ET AL [JAPAN]

MO-PM14-6
PRACTICAL OVERTRAINING SYNDROME ON IMMUNITY IN ATHLETES
HAN KYO, S. [KOREA, SOUTH]

MO-PM15 Swimming and cycling

LECTURE ROOM: MAILAND/WEST
Chair(s):
Hohmann, A. [Germany]

MO-PM15-1
EFFECT OF DIFFERENT POSITION OF THE FRONT AND REAR FEET ON THE KICK-START PERFORMNACE IN MALE
SUITO, H. ET AL [JAPAN]

MO-PM15-2
HOW DOES STROKE RATE INFLUENCE ARM COORDINATION AND SWIM EFFICIENCY AT MAXIMAL SPEED
SIMBANA-ESCOBAR, D. ET AL [FRANCE]

MO-PM15-3
SHOULDER EXTERNAL/ INTERNAL ROTATOR MUSCLES TORQUES RATIO CHANGES IN RANGE OF MOTIONS IN MALE AMATEUR SWIMMERS
PONTAGA, I. [LATVIA]

MO-PM15-4
DOES POLARIZED TRAINING IMPROVE PERFORMANCE IN COMPETITIVE SWIMMERS ?
PLA, R. [FRANCE]

MO-PM15-5
EVALUATION OF TRUNK MUSCLE FORCE IN BICYCLE PEDALING UNDER VARIOUS CONDITIONS USING INVERSE DYNAMICS CALCULATION.
KITAWAKI, T. ET AL [JAPAN]

MO-PM15-6
INCREASE IN WORKRATE BY CADENCE PRODUCES GREATER GROSS EFFICIENCY WITHOUT IMPROVING PEDAL FORCE EFFECTIVENESS
KAMBA, M. ET AL [JAPAN]

MO-PM15-7
VALIDATION OF FITBIT CHARGE HR WEARABLE PHOTOPLETHYSMOGRAPHIC HEART RATE DEVICE DURING REST AND SUBMAXIMAL INCREDMENTAL CYCLING
SANDERSON, M. ET AL [UNITED KINGDOM]

MO-PM15-8
THE EFFECTS OF CYCLING AND RICE BERRY CONSUMPTION ON CREATINE KINSASE AND MUSCLE PAIN SCORE
SILALERTDETKUL, S. [THAILAND]

MO-PM23 Functional movement and injury prevention

LECTURE ROOM: BRÜSSEL/WEST
Chair(s):
Ullrich, B. [Germany]

MO-PM23-1
FUNCTIONAL MOVEMENT SCREENING TO DETERMINE RISK OF INJURIES AND LOCOMOTOR SKILL PERFORMANCE IN YOUNG TRACK ATHLETES
PUCSOK, J. M.. ET AL [HUNGARY]

MO-PM23-2
THE RELATIONSHIP BETWEEN FUNCTIONAL MOVEMENT SCREEN SCORE AND INJURY IN HIGH SCHOOL WOMEN'S VOLLEYBALL PLAYERS.
IDE, Y. [JAPAN]

MO-PM23-3
INTER-TESTER RELIABILITY OF OVERHEAD SQUAT ASSESSMENT USING 2D MOTION ANALYSIS
BATHIA, K. ET AL [INDIA]

MO-PM23-4
DIFFERENCE IN THE EMG ACTIVITY OF HAMSTRING MUSCLES DEPENDING ON THE KNEE FLEXION ANGLE AND KINETIC CHANGE
HIROSE, N. ET AL [JAPAN]

MO-PM23-5
CROSS-SECTIONAL COMPARISON OF AGE-RELATED CHANGES OF THE QUADRICEPS FEMORIS IN BASKETBALL PLAYERS
SEKINE, Y. ET AL [JAPAN]

MO-PM23-6
LOWER LIMB ALIGNMENT AND FLEXIBILITY ASSOCIATED WITH KNEE ABDUCTION MOMENT AND ANGLE DURING SINGLE-LEG LANDINGS AND HOP & SIDESTEP
SATO, S. ET AL [JAPAN]

MO-PM23-7
THE EFFECT OF UPPER LIMB EXHAUSTIVE ACTIVITY ON CORTICOSPINAL EXCITABILITY AND MOTONEURON POOL RESPONSIVENESS OF LOWER LIMB
GHARAKHANLOU, R. ET AL [IRAN]

MO-PM23-8
PREVALENCE AND RISK FACTORS OF MTSS IN PETE STUDENTS
BLIEKENDAAL, S. ET AL [NETHERLANDS]

MO-SH05 Social sciences: mixed session

LECTURE ROOM: L/SOUTH
Chair(s):
Klein, M. [Germany]

MO-SH05-1 [YIA]
WHY DO YOU COME TO PRACTICE? A QUALITATIVE STUDY OF MEMBERSHIP RETENTION IN A GERMAN SPORT-FOR-ALL VOLLEYBALL CLUB
ZAVADSKA, A. ET AL [GERMANY]

MO-SH05-2
ACTIVE HEALTHY KIDS BELGIUM 2016 REPORT CARD ON PHYSICAL ACTIVITY FOR CHILDREN AND YOUTH
SEGHERS, J. ET AL [BELGIUM]

MO-SH05-3
THE INFLUENCE OF EGO DEPLETION ON SPORTING PERFORMANCE: A META-ANALYSIS
XIANG, M.Q. ET AL [CHINA]

MO-SH05-4
CROSS-NATIONAL RELATIONS BETWEEN THE SOCIAL SIGNIFICANCE OF SPORT AND ECONOMIC DEVELOPMENT IN THE EUROPEAN UNION.
NADER, M. [AUSTRIA]

MO-SH05-5
CHANGES OF SPORTS FOR ALL IN KOREA
NAM, Y. [KOREA, SOUTH]

MO-SH05-6
RESEARCH ON APPLICATION OF INSTITUTIONAL REPOSITORY IN NATIONAL FITNESS
XINHUA, L. ET AL [CHINA]

MO-SH05-7
SEDENTARY BEHAVIOUR AMONG SAUDI BASKETBALL PLAYERS
ALAHMADI, M. [SAUDI ARABIA]

MO-SH07 Mental health and psychological wellbeing

LECTURE ROOM: M/SOUTH
Chair(s):
Heidari, J. [Germany]
Kellmann, M. [Germany]

MO-SH07-1 [YIA]
THE EFFECTS OF A 6-MONTH SCHOOL-BASED HIGH-INTENSITY INTERVAL TRAINING INTERVENTION ON MENTAL WELL-BEING AND QUALITY OF LIFE IN CHILDREN
EDDOLLS, W.T.B. ET AL [UNITED KINGDOM]

MO-SH07-2
HOW PERCEPTION OF GREEN AND RED ENVIRONMENTS INFLUENCE THE DYNAMICS OF PREFERRED WALKING AND RUNNING PATTERNS
MAJED, L. ET AL [QATAR]

MO-SH07-3
PARENTS DEMANDS FOR JUNIOR TENNIS PLAYERS - EXPERIMENTAL STUDY
MOSOI, A. A [ROMANIA]

MO-SH07-4
OVERVIEW OF THE RELATIONSHIP BETWEEN PSYCHOLOGICAL STRESS AND BACK PAIN AMONG ATHLETES
HEIDARI, J. ET AL [GERMANY]

MO-SH07-5
COMPARISON OF NON-PEN AND PAPER AND NON-INVASIVE PSYCHOLOGICAL STRESS MEASUREMENT METHODS IN SPORTS THROUGH A METAANALYSIS– ARE THERE RELIABLE?
BALOGH, L. ET AL [HUNGARY]

MO-SH07-6
CHOKING AT THE FREE-THROW LINE: ELITE PLAYERS HAVE THEIR SAY
MAHER, R. ET AL [AUSTRALIA]

MO-SH07-7
SALIVARY TESTOSTERONE REACTIVITY, ANXIETY, AND PERCEIVED PERFORMANCE IN ELITE YOUTH BASKETBALL PLAYERS: THE EFFECT OF OPPONENT LEVEL
MOREIRA, A. ET AL [BRAZIL]

Thursday, July 6th, 2017

15:00 - 16:00

MO-PM25 Exercise and training in disease

LECTURE ROOM: EUROPA/WEST
Chair(s):
Aagaard, P. [Denmark]
Gaffney, C. [United Kingdom]

MO-PM25-1
ENDOTHELIAL FUNCTION AND PHYSICAL ACTIVITY IN HEALTHY VS CORONARY ARTERY DISEASE AND COPD PATIENTS: AN EXPLORATORY STUDY
BERNARDI, E. ET AL [ITALY]

MO-PM25-2
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND PHYSICAL ACTIVITY: A NEW METHOD TO ASSESS EXERCISE LIMITATIONS.
MERLO, C. ET AL [ITALY]

MO-PM25-3
EFFECT OF NEUROMUSCULAR ELECTRICAL STIMULATION TRAINING WITH PULMONARY REHABILITATION ON BALANCE IN PATIENTS WITH COPD.
TRABELSI, Y. ET AL [TUNISIA]

MO-PM25-4
IS THERE AN ASSOCIATION OF EARLY REPOLARIZATION SYNDROME WITH MIGRAINE? ATHLETE'S SCREENING TESTS RESULTS
RADZISHEVSKY, E. ET AL [ISRAEL]

MO-PM25-5
FUNCTIONAL STATUS IMPROVES WITH ANGIOTENSIN CONVERTING ENZYMES INHIBITORS PLUS EXERCISE IN HYPERTENSIVE OLDER ADULTS
BAPTISTA, L.C. ET AL [PORTUGAL]

MO-PM25-6
EFFECTS OF 6-MONTH RESISTANCE TRAINING ON PHYSICAL FITNESS IN PANCREATIC CANCER PATIENTS
CLAUSS, D. ET AL [GERMANY]

MO-PM25-7
EXERCISE PRESCRIPTION TO IMPROVE CLINICAL PRACTICE ON CANCER PATIENTS SUFFERING CHEMOTHERAPY-INDUCED PERIPHERAL NEUROPATHY UNDERGOING TREATMENT: A SYSTEMATIC REVIEW.
VENDRAMIN, B. ET AL [ITALY]

MO-PM25-8
REGULAR PHYSICAL ACTIVITY IN CHRONIC HEMODIALYSIS PATIENTS: EFFECTS ON DIURNAL PATTERN OF STEROID HORMONES.
GALLOT, M. ET AL [FRANCE]

MO-PM25-9
BALANCE IMPAIRMENT IN KIDNEY TRANSPLANT RECIPIENTS WITHOUT CONCURRENT PERIPHERAL NEUROPATHY.
GOBBO, S. ET AL [ITALY]

MO-PM25-10
A TAILORED PHYSICAL ACTIVITY INTERVENTION AND EXERCISE PRESCRIPTION TO IMPROVE CLINICAL PRACTICE FOR ONCO-HEMATOLOGY INPATIENTS
DUREGON, F. ET AL [ITALY]

MO-PM07 Performance Testing

LECTURE ROOM: DEUTSCHLAND/SOUTH
Chair(s):
Zemkova, E. [Slovakia]
Wagner, H. [Austria]

MO-PM07-1 [YIA]
TEST-RETEST VARIATION AND ENERGY CONTRIBUTION DURING ANAEROBIC CAPACITY TESTING
AREZZOLO, D. ET AL [AUSTRALIA]

MO-PM07-2
A PILOT STUDY TO TEST RELIABILITY OF AN ACCOUSTIC-BASED JUDO-SPECIFIC BEEP TEST
KUGER, J. ET AL [GERMANY]

MO-PM07-3
OPTIMAL LOCATING THE SPORT SPACES BASED ON IMPLEMENTING ANALYTIC HIERARCHY PROCESS ALGORITHM IN GEOGRAPHICAL INFORMATION SYSTEM
AHMADI, A. ET AL [IRAN]

MO-PM07-4
RELATIONSHIP BETWEEN INTERMITTENT SUB-MAXIMAL FIELD-BASED TEST AND YO-YO IR1 IN RECREATIONAL SOCCER PLAYERS
PERRI, E. ET AL [ITALY]

MO-PM07-5
VALIDITY/RELIABILITY OF A LOW-COST IMU-ENHANCED 50-HZ GPS RECEIVER FOR TEAM SPORT INVESTIGATIONS
PADULO, J. ET AL [CROATIA]

MO-PM07-6
SPORTS BRACELET DATA BASED EXERCISE INTENSITY EVALUATION
ZHEN, Q. ET AL [CHINA]

MO-PM07-7
VALIDITY WRISTABLE ACTIVITY MONITORS FOR ASSESSING CARDIO METABOLIC DEMAND DURING TREADMILL WALKING/RUNNING IN YOUNG ADULTS
OKITA, Y. ET AL [JAPAN]

MO-PM04 Interval training 1

LECTURE ROOM: PANORAMA/WEST
Chair(s):
Lamberts, R. [South Africa]
Bogdanis, G. [Greece]

MO-PM04-1 [YIA]
HIGH-INTESITY INTERVAL TRAINING EFFECTIVELY ENHANCES ADULT HIPPOCAMPAL

NEUROGENESIS COMPARED TO ENDURANCE TRAINING IN RATS
OMURA, K. ET AL [JAPAN]

MO-PM04-2 [YIA]
HIGH INTENSITY INTERVAL TRAINING IS A SAFE, EFFICIENT AND EFFECTIVE FORM OF EXERCISE FOR TYPE 1 DIABETES PATIENTS
SCOTT, S. [UNITED KINGDOM]

MO-PM04-3 [YIA]
HIGH-INTENSITY INTERVAL ECCENTRIC CYCLING TRAINING IMPROVES MUSCLE FUNCTION AND AEROBIC CAPACITY
LIPSKI, M. ET AL [AUSTRALIA]

MO-PM04-4 [YIA]
EFFECTS OF A SHORT TERM SPRINT INTERVAL TRAINING ON ENDURANCE CAPACITY AND NEUROMUSCULAR FATIGUE
BERTSCHINGER, R. ET AL [GERMANY]

MO-PM04-5 [YIA]
HIGH INTENSITY INTERVAL TRAINING ELICITS IMPROVEMENTS IN CARDIORESPIRATORY FITNESS WITHIN 31 DAYS IN UROLOGICAL BUT NOT COLORECTAL CANCER PATIENTS PRESENTING FOR SURGERY
BLACKWELL, J.E.M. ET AL [UNITED KINGDOM]

MO-PM04-6
THE EFFECT OF TWO WEEKS SPRINT INTERVAL TRAINING WITH SELF-REGULATED RECOVERY PERIODS ON PARAMETERS OF AEROBIC AND ANAEROBIC FITNESS
PHILLIPS, S.M. ET AL [UNITED KINGDOM]

MO-PM04-7
PHYSIOLOGICAL ADAPTATIONS OF AN 8-WEEK SUPRAMAXIMAL INTERMITTENT RUNNING TRAINING IN ELITE PROFESSIONAL SOCCER PLAYERS
GONÇALVES ORTIZ, J. [BRAZIL]

MO-PM04-8
EVIDENCE OF DISTURBED SLEEP IN ELITE RUGBY SEVENS PLAYERS DURING HIGH TRAINING LOADS
LEDUC, C. ET AL [FRANCE]

MO-PM05 Coaching and training: mixed session

LECTURE ROOM: BERLIN/WEST
Chair(s):
Hettinga, F. [United Kingdom]
Skorski, S. (Germany)

MO-PM05-1 [YIA]
THE ATHLETE-OPPONENT RELATIONSHIP ALTERS PACING DECISIONS AND INFORMATION-SEEKING BEHAVIOUR IN 4-KM CYCLING TIME TRIALS
KONINGS, M. ET AL [UNITED KINGDOM]

MO-PM05-2
EFFECTS OF VOLUNTARY ABDOMINAL BRACING AND HOLLOWING MANEUVERS DURING SWIMMING ON IAP AND PERFORMANCE
MORIYAMA, S. ET AL [JAPAN]

MO-PM05-3
THE PROFILE OF HEART RATE TRAINING ZONES IN NON-ELITE ROWERS ACROSS A WINTER TRAINING PHASE
KEARNEY, R. ET AL [IRELAND]

MO-PM05-4
CORRELATION BETWEEN HRV AND A NEW TRAINING LOAD QUANTIFICATION MODEL
ROCAMORA, M. [SPAIN]

MO-PM05-5
PASSING PERFORMANCE IN RELATION TO TRAINING LOAD AMONG YOUNG TALENTED SOCCER PLAYERS
PORTELA, J. ET AL [GERMANY]

MO-PM08 Thermoregulation and respiration

LECTURE ROOM: RHEINLAND/SOUTH
Chair(s):
González-Alonso, J. [United Kingdom]
Racinais, S. [Qatar]

MO-PM08-1 [YIA]
PHYSIOLOGICAL MODIFICATIONS INDUCED BY ACUTE AIRBORNE PARTICLE EXPOSURE DURING HIGH INTENSITY EXERCISE.
BRACAGLIA, E. ET AL [ITALY]

MO-PM08-2
EFFECT OF 8-WEEK INSPIRATORY MUSCLE TRAINING ON ELITE MALE RUNNERS
CHIANG, C.H. ET AL [TAIWAN]

MO-PM08-3
TIME-OF-DAY EFFECT OF SOLAR RADIATION ON THERMOREGULATION DURING OUTDOOR EXERCISE IN THE HEAT
OTANI, H. ET AL [JAPAN]

MO-PM08-4
EFFECTIVENESS OF HAND COOLING ON POST-EXERCISE COOLING RATE IN HYPERTHERMIC ATHLETES
MARONI, T. ET AL [AUSTRALIA]

MO-PM08-5
RELATION BETWEEN THERMOREGULATION AND VO2MAX IN MALE ENDURANCE ATHLETES
GALÃN , J. ET AL [SPAIN]

MO-PM19 Ageing and neurofunction

LECTURE ROOM: NEW YORK/WEST
Chair(s):
Schneider, S. [Germany]

MO-PM19-1
EFFECTS OF DIFFERENT EXERCISE MODES ON NEUROPROTECTIVE GROWTH FACTORS AND NEUROCOGNITIVE PERFORMANCE IN OLDER ADULTS WITH MILD COGNITIVE IMPAIRMENT
CHUANG, C.Y. ET AL [TAIWAN]

MO-PM19-2
EFFECTS OF OPEN- AND CLOSED-SKILL EXERCISE INTERVENTIONS ON EXECUTIVE FUNCTIONS IN OLDER ADULTS
GAN, Y.C. ET AL [TAIWAN]

MO-PM19-3
SMART: INTERACTIONS BETWEEN PAIN, THE BRAIN, AND THE PEAK OXYGEN UPTAKE IN ELDERLY PERSONS: RESULTS FROM A RCT
FLECKENSTEIN, J. ET AL [GERMANY]

MO-PM19-4
TWO SUPERVISED EXERCISE PROGRAMS AND THEIR EFFECTS ON COGNITIVE AND PHYSICAL STATE OF OLDER PERSONS WITH MILD COGNITIVE IMPAIRMENT
BAAKE, R. ET AL [GERMANY]

MO-PM19-5
RELATIONSHIP BETWEEN SEDENTARY BEHAVIOUR AND COGNITIVE PERFORMANCE
CARTER, S.E. ET AL [UNITED KINGDOM]

MO-PM19-6
THE USE OF REAL AND IMAGINED TIMED UP AND GO TASKS IN ASSESSING COGNITIVE IMPAIRED OLDER PERSONS
RUEDIGER, S. ET AL [GERMANY]

MO-PM19-7
MOTIVATION AND PHYSICAL AND MENTAL HEALTH STATE IN "OVER FIFTIES" NON-SEDENTARY PEOPLE
IONA, T. ET AL [ITALY]

MO-PM19-8
THE EFFECTS OF BDNF EXPRESSION BY EXERCISE ON HIPPOCAMPUS AND SKELETAL MUSCLE OF AGING RAT
AHN, N. ET AL [KOREA, SOUTH]

MO-PM28 Rehabilitation of back and shoulder

LECTURE ROOM: MAILAND/WEST
Chair(s):
Fett, D. [Germany]

MO-PM28-1
EFFECTS OF A REHABILITATION PROGRAM USING PILATES EXERCISES ON LOW BACK PAIN IN ATHLETES
MOBARK, A. ET AL [JAPAN]

MO-PM28-2
EFFECT OF 4 WEEKS GLUTEUS MEDIUS STRENGTHENING EXERCISE ON BACK MUSCLE STRENGTH AND BODY BALANCE IN FEMALE 20'S WITH CHRONIC LOW BACK PAIN
PIL HA, H. ET AL [KOREA, SOUTH]

MO-PM28-3
EFFECTS OF SCHROTH EXERCISE ON IDIOPATHIC SCOLIOSIS IN PATIENTS WITH 4-CURVE DOUBLE TYPE: CASE REPORT
LEE, S.Y. ET AL [KOREA, SOUTH]

MO-PM28-4
THE EFFECT OF A CORRECTIVE FUNCTIONAL EXERCISE PROGRAM ON POSTURAL THORACIC KYPHOSIS IN TEENAGERS: A RANDOMIZED CONTROLLED TRIAL
FENG, Q. ET AL [CHINA]

MO-PM28-5
COMPARISON THE EFFECT OF AQUATIC EXERCISE AND KINESIO TAPING ON PAIN AND DISABILITY IN SUBJECTS WITH NON-SPECIFIC CHRONIC LOW BACK PAIN
ALIKHAJEH, Y. ET AL [IRAN]

MO-PM28-6
ENERGY EXPENDITURE DURING FUNCTIONAL ELECTRICAL STIMULATION LEG CYCLING IN PEOPLE WITH SPINAL CORD INJURY: EFFECT OF ADDITIONAL MUSCLE RECRUITMENT
JANSSEN, T.W.J. ET AL [NETHERLANDS]

MO-PM28-7
MUSCLE ACTIVATION DURING COMMON REHABILITATION EXERCISES FOR SHOULDER IMPINGEMENT SYNDROME: A KINETIC CHAIN APPROACH
MCMAHON, J. ET AL [UNITED KINGDOM]

MO-PM28-8
SHOULDER AND ELBOW INJURY PREDICTION IN OVERHEAD ATHLETES WITH SCAPULAR DYSKINESIS TEST AND KERLEN-JOBE ORTHOPEDIC CLINIC SCORES
TSURUIKE, M. ET AL [UNITED STATES]

MO-PM12 Coaching: Tennis and golf

LECTURE ROOM: BRÜSSEL/WEST
Chair(s):
Wiewelhove, T. [Germany]

MO-PM12-1
SERVICE GAME DEVELOPMENTS IN MENS WORLD CLASS TENNIS AT WIMBLEDON FROM 2002 TO 2015
GRAMBOW, R. ET AL [GERMANY]

MO-PM12-2
WHAT TO PRACTICE? APPROACHING SERVE-BEHAVIOURAL IMPACT FACING BREAK POINTS IN WORLD-CLASS MEN'S TENNIS AT WIMBLEDON 2016
MEFFERT, D. ET AL [GERMANY]

MO-PM12-3
SERVICE CHARACTERISTICS IN ELITE JUNIOR TENNIS PLAYERS OF DIFFERENT SEX AND AGE GROUPS
GATZKE, D. ET AL [GERMANY]

MO-PM12-4
RELATIONSHIP BETWEEN THE YO-YO INTERMITTENT RECOVERY TEST LEVEL 1 AND THE TENNIS SPECIFIC HIT AND TURN TEST TO TENNIS PERFORMANCE
ULBRICHT, A. ET AL [GERMANY]

MO-PM12-5
TO EXAMINE THE RELATIONSHIP BETWEEN GOLF ABILITY AND PHYSICAL AND MOTORIC PERFORMANCE IN SCHOOL CHILDREN
ODABAS, I. ET AL [TURKEY]

MO-SH06 Physical education and pedagogics

LECTURE ROOM: L/SOUTH
Chair(s):
Raeder, C. (Germany)

MO-SH06-1 [YIA]
A STATUS QUO ANALYSIS ON RACKET SPORTS TEACHING IMPLEMENTATIONS IN GERMAN PRIMARY SCHOOLS
HOFFMANN, D. ET AL [GERMANY]

MO-SH06-2
NEUROMOTOR EXERCISE PROGRAM FOR CHILDREN INCREASES MENTAL AGE
REILLY, E. ET AL [UNITED STATES]

MO-SH06-3
THE JOINT PLANNING BETWEEN TEACHER AND STUDENT IN THE CHILDREN SPORT PROGRAM
REZENDE, D. [BRAZIL]

MO-SH06-4
DEVELOPMENT OF AN EASY TO APPLY ASSESSMENT TOOL FOR PRE-SWIMMING SKILLS – A METHOD APPROACH IN (PRE) SCHOOL CHILDREN
STAUB, I. [GERMANY]

MO-SH06-5
PRESCHOOL MOTOR COMPETENCE AND ADOLESCENT PHYSICAL ACTIVITY: IS THERE AN ASSOCIATION?
VENETSANOU, F. ET AL [GREECE]

MO-SH06-6
ASSESSMENT OF SPORT INJURY PREVENTION MEASURES IN SCHOOLS WITH REGARD TO THEIR EFFECTIVENESS, APPLICABILITY AND ACCEPTANCE BY PHYSICAL EDUCATION TEACHERS AND PHYSIOTHERAPISTS
DIETERICH, S. ET AL [GERMANY]

MO-PM31 Elbow and knee

LECTURE ROOM: M/SOUTH
Chair(s):
Mayer, F. [Germany]

MO-PM31-1
CORRELATION BETWEEN MEDIAL ELBOW PAIN AND ELBOW VALGUS INSTABILITY IN PREADOLESCENT BASEBALL PLAYERS
HIROYOSHI, M. ET AL [JAPAN]

MO-PM31-2
SITE-RELATED DIFFERENCE IN MUSCLE SIZE INFLUENCES BALLISTIC POWER-GENERATING CAPABILITY OF ELBOW FLEXORS
NAKATANI, M. ET AL [JAPAN]

MO-PM31-3
USEFULNESS OF SELF-CHECK FOR ELBOW AND SHOULDER PAIN IN ADOLESCENT BASEBALL PLAYERS ~COMPARISON OF EARLY AND LATE ADOLESCENCE~
YUSUKE, S. ET AL [JAPAN]

MO-PM31-4
TREATMENT OF LATERAL EPICONDYLOSIS USING ALLOGENEIC ADIPOSE-DERIVED MESENCHYMAL STEM CELLS: A PHASE II DOUBLE BLIND RANDOMIZED CONTROLLED TRIAL
CHUNG, S. [KOREA, SOUTH]

MO-PM31-5
EFFECT OF A PROGRESSIVE AND MONITORED MUSCLE STRENGTHENING PROGRAM ON THE DEVELOPMENT OF UPPER LIMB STRENGTH IN PEOPLE DIAGNOSED WITH FIBROMYALGIA.
MAESTRE-CASCALES, C. ET AL [SPAIN]

MO-PM31-6
THE INFLUENCE OF CONTRALATERAL HIP BENDING ON KNEE VALGUS ANGLE AND THE ACTIVITIES OF ABDOMINAL AND HIP ABDUCTOR MUSCLES DURING SINGLE-LEG SQUATS
ASO, T. ET AL [JAPAN]

MO-PM31-7
EFFECT OF INFRAPATELLAR BRACE ON PAIN AND JUMPING PERFORMANCE IN PATELLAR TENDINOPATHY AMONG YOUNG ATHLETES
DAR, G. ET AL [ISRAEL]

MO-PM31-8
EFFECTS OF ISOLATED GLUTEAL MUSCLE FATIGUE ON KNEE VALGUS DURING A RUNNING TASK: IMPLICATIONS FOR INJURY AND COACHING.
CONNOR, L. ET AL [UNITED KINGDOM]

Friday, July 7th, 2017

14:00 - 15:00

MO-PM09 Training and testing: Football

LECTURE ROOM: EUROPA/WEST
Chair(s):
Gollhofer, A. [Germany]

MO-PM09-1
RELATIONSHIPS BETWEEN MATCH STATISTICS AND TEAM'S MATCH PERFORMANCE IN THE GROUP STAGE OF UEFA CHAMPIONS LEAGUE FROM 2009 TO 2017
YI, Q. [SPAIN]

MO-PM09-2
MATCH OUTCOME, PLAYING POSITIONS AND DISTANCES COVERED AT VARIOUS SPEEDS IN MATCH PLAY BY ELITE GERMAN SOCCER PLAYERS
CHMURA, P. ET AL [POLAND]

MO-PM09-3
COMPARISION OF MATCH ACTIVITIES OF PROFESSIONAL AND NON-PROFESSIONAL SOCCER REFEREES
JAKOB, S. ET AL [GERMANY]

MO-PM09-4
RARITY AND DIFFICULTY OF BALL POSSESSION SKILL IN SOCCER.
YAMADA, H. ET AL [JAPAN]

MO-PM09-5
SPEED OF THOUGHT AND SPEED OF FEET: THE ANALYSIS OF PERCEPTUAL-COGNITIVE EXPERTISE AND SPRINT ABILITY IN ACADEMY FOOTBALL PLAYERS
KELLY, A. L. ET AL [UNITED KINGDOM]

MO-PM09-6
BEGINNER GOALKEEPERS' PREDICTIONS IN THE FAKE MOVEMENTS OF THE PENALTY KICK
INOUE, Y. ET AL [JAPAN]

MO-PM09-7
LOCATION AND OCCURRENCE OF JOINT AND MUSCULOSKELETAL PAIN IN FOOTBALL GOALKEEPERS DURING A 5-DAY TRAINING CAMP
KAWCZYNSKI, A. ET AL [POLAND]

MO-PM09-8
AN INVESTIGATION INTO ENGLISH PREMIER LEAGUE YOUTH SOCCER MAXIMUM VOLUNTARY FORCE, EFFECTS OF CURRENT TRAINING PRACTICES AND COMPARISON TO A CONTROL GROUP.
BROWNLEE, T. ET AL [UNITED KINGDOM]

MO-PM09-9
A COMPARATIVE STUDY OF HEART RATE AND BLOOD LACTATE RESPONSE OF JUNIOR AND SENIOR FOOTBALL MIDFIELDERS DURING PRACTICE FOOTBALL MATCH PLAY
GUPTA, S. ET AL [BARBADOS]

MO-PM20 Nutrition: mixed session

LECTURE ROOM: DEUTSCHLAND/SOUTH
Chair(s):
Wardenaar, F. [Netherlands]
Oertzen-Hagemann, V. [Germany]

MO-PM20-1
FAVORABLE SUPPLEMENTAL FOODS DURING SUMMER TRAINING CAMP IN ADOLESCENT JAPANESE RUGBY PLAYERS
NAGAYAMA, C. ET AL [JAPAN]

MO-PM20-2
PROJECT SPRAOI: NUTRITIONAL KNOWLEDGE AND DIETARY PATTERNS OF CORK SCHOOL CHILDREN
MERROTSY, A. ET AL [IRELAND]

MO-PM20-3
EFFECT OF XBOX ACTIVE VIDEO GAME AND NUTRITION EDUCATION INTERVENTION ON WEIGHT CONTROL, FITNESS AND THE CARDIOVASCULAR DISEASE RISK FACTORS IN OVERWEIGHT AND OBESE ADOLESCENT GIRL
LEE, P.C. ET AL [TAIWAN]

MO-PM20-4
A POST WORKOUT BLEND BEEF AND WHEY PROTEIN BEVARAGE PROMOTE BETTER BODY COMPOSITION CHANGES THAN INGESTED ONLY CARBOHYDRATE IN CROSS COUNTRY RUNNING ATHLETES.
MORENO-PÉREZ, D. ET AL [SPAIN]

MO-PM20-5
GLUCOSE-FRUCTOSE INGESTION INTERACT WITH MUSCLE LACTATE METABOLISM DURING TRAINING SESSIONS
ROSSET, R. ET AL [SWITZERLAND]

MO-PM20-6
EFFECT OF ERGOGENIC AID HMB SUPPLEMENT ON SIGNAL TRANSDUCTION PATHWAY DURING OSTEOCLAST PRECURSOR FORMATION
WEI HUNG1. CHIH-LI LIN2, HORNG-CHIANG HSU3, YAO-HUNG KUO, CHEN-KANG CHANG1 [TAIWAN]

MO-PM20-7
EFFECTS OF RAPID WEIGHT LOSS ON PERFORMANCE IN RUNNERS.
TAKAE, R. ET AL [JAPAN]

MO-PM20-8
INFLUENCE OF A 9-DAY MIMIC OF PALEOLITHIC LIFESTYLE ON METABOLIC GLUCOSE UTILIZATION IN YOUNG HEALTHY PEOPLE
HOLDER, J. ET AL [GERMANY]

MO-PM20-9
EFFECTS OF A 10 DAY PALEOLITHIC DIET INTERVENTION ON SUBMAXIMAL ENDURANCE PERFORMANCE AND ENERGY SUPPLY IN RECREATIONAL ATHLETES
BROECKL, F. ET AL [GERMANY]

MO-PM11 Training and testing in various sports 2

LECTURE ROOM: PANORAMA/WEST
Chair(s):
Tschan, H. [Austria]

MO-PM11-1
SEASONAL VARIATIONS OF LACTATE KINETICS IN ALPINE SKIERS
HOSHINO, H. ET AL [JAPAN]

MO-PM11-2
ENERGY COST OF CONSTANT-SPEED RUNNING – ARE THERE DIFFERENCES REGARDING TYPE OF SPORT AND SEX?
VENZKE, J. ET AL [GERMANY]

MO-PM11-3
POSTURAL EVALUATION IN A GROUP OF ARTISTIC ROLLER SKATING ATHLETES.
NART, A. ET AL [ITALY]

MO-PM11-4
SHAKING THE HANDS ENHANCES INTERMITTENT HANDGRIP PERFORMANCE IN ROCK CLIMBERS
BALAS, J. ET AL [CZECH REPUBLIC]

MO-PM11-5
INFLUENCE OF BELAY TRAINING WITH A GRIGRI ON EXECUTION OF THE BRAKE HAND PRINCIPLE IN UNEXPERIENCED BELAYERS
MATIAS SANTOS, V.M. ET AL [GERMANY]

MO-PM11-6
SPEED AND JUMPING HEIGHT DISCRIMINATE BETWEEN FENCERS OF DIFFERENT PERFORMANCE LEVEL, AGE AND SEX, BUT NOT BETWEEN ELITE FENCERS
MENTZ, L. ET AL [GERMANY]

MO-PM11-7
ACTN3 GENE POLYMORPHISM MAY PLAY A ROLE TO DETERMINE THE DURATION OF JUDO MATCHES
ITAKA, T. ET AL [JAPAN]

MO-PM11-8
INTENSITY AND ENERGY EXPENDITURE DURING THE DAKAR RALLY SPECIAL STAGE AT ALTITUDE 3500 - 4200 METERS IN ELITE OFF-ROAD RALLY ATHLETES.
ZELENKOVA, I. ET AL [RUSSIA]

MO-PM11-9
PHYSICAL FITNESS OF WOMEN AND THEIR ABILITY TO PASS AN ENTRY LEVEL FIRE FIGHTER TEST
WILLIFORD, H. ET AL [UNITED STATES]

MO-PM21 Injuries: risk factors, incidence and prevention

LECTURE ROOM: BERLIN/WEST
Chair(s):
Hopkins, W. [Australia]
Federolf, P. [Austria]

MO-PM21-1
NEUROMUSCULAR ADAPTATIONS TO EXERCISE-BASED INJURY PREVENTION PROGRAMMES IN YOUTH SPORTS: A SYSTEMATIC REVIEW WITH META-ANALYSIS OF RANDOMISED CONTROLLED TRIALS
FAUDE, O. ET AL [SWITZERLAND]

MO-PM21-2
ANTHROPOMETRIC VARIABLES AS RISK FACTORS FOR MUSCULOSKELETAL INJURIES IN ATHLETES AND MILITARY PERSONNEL: A SYSTEMATIC REVIEW
MELLONI, M. [BRAZIL]

MO-PM21-3
WHAT IS A RISK FACTOR FOR ANKLE SPRAIN?
TAKESHI, T. ET AL [JAPAN]

MO-PM21-4
INJURIES IN 17-19 YEAR-OLD MALE AMATEUR SOCCER PLAYERS
ACKERMANN, S. ET AL [GERMANY]

MO-PM21-5
THE EFFICACY OF INJURY PREVENTION WARM-UP PROGRAM FOR WOMEN HANDBALL PLAYERS
MASHIMO, S. ET AL [JAPAN]

MO-PM21-6
MUSCLE INJURIES AT DIFFERENT AGES IN AMATEUR FOOTBALL PLAYERS
FERRARI, P. ET AL [ITALY]

MO-PM21-7
VIDEO ANALYSIS OF TACKLING SITUATION IN WHICH CERVICAL INJURIES HAPPENED
SUZUKI, K. ET AL [JAPAN]

MO-PM21-8
HEAD INJURIES IN PROFESSIONAL MALE FOOTBALL – LOWER INCIDENCE RATES AFTER ALTERATION OF A RULE
BEAUDOUIN, F. ET AL [GERMANY]

MO-PM24 Molecular biology and biochemistry

LECTURE ROOM: RHEINLAND/SOUTH
Chair(s):
Mougios, V. [Greece]
Wessner, B. [Austria]

MO-PM24-1
SEX-SPECIFIC CHANGES IN MUSCLE FIBER AREA AND MYONUCLEAR CONTENT IN RESPONSE TO 10 WEEKS OF STRENGTH TRAINING
CUMMING, K.T. ET AL [NORWAY]

MO-PM24-2
SATELLITE CELLS PROLIFERATIVE ACTIVITY IN ELITE KAYAKERS
MORAWIN, B. ET AL [POLAND]

MO-PM24-3
ROLE OF SIRTUIN RELATED MICRO-RNAS IN OVERLOAD-INDUCED HYPERTROPHY OF SKELETAL MUSCLE IN RAT
KOLTAI, E. ET AL [HUNGARY]

MO-PM24-4
EFFECT OF BRIGHT LIGHT EXPOSURE BEFORE SLEEP ON URINARY METABOLITES IN HUMANS
NAKAMURA, Y. ET AL [JAPAN]

MO-PM24-5
HYDROGEN WATER SUPPRESSES SKELETAL MUSCLE AND LIVER GLYCOGENOLYSIS DURING EXERCISE WHILE DOES NOT AFFECT OXIDATIVE STRESS, BLOOD ENERGY SUBSTRATE AND ENDURANCE PERFORMANCE IN RATS
KAWAMURA, T. ET AL [JAPAN]

MO-PM24-6
EFFECT OF INTENSE TRAINING ON MUCOSAL IMMUNITY IN PREPUBERAL RHYTHMIC GYMNASTS
ANTUALPA, K. ET AL [BRAZIL]

MO-PM24-7
EFFECT OF AEROBIC FITNESS ON PLASMA ASYMMETRIC DIMETHYLARGINNE CONCENTRATIONS IN RESPONSE TO MAXIMAL EXERCISE TEST
PAWLAK-CHAOUCH, M. ET AL [FRANCE]

MO-BN02 Biomechanics: Running, cutting and jumping

LECTURE ROOM: NEW YORK/WEST
Chair(s):
Girard, O. [Qatar]
Ishikawa, M. [Japan]

MO-BN02-1
KINEMATIC AND KINETIC DIFFERENCES BETWEEN SPRINTERS AND DISTANCE RUNNERS
PARADISIS, G. ET AL [GREECE]

MO-BN02-2
INDICATION OF FATIGUE FORM GROUND REACTION FORCE CURVE FOR LONG DISTANCE RUNNERS
ATTAALLAH, M. ET AL [EGYPT]

MO-BN02-3
REPEATED SPRINTING ON THIRD-GENERATION ARTIFICIAL TURF DOES NOT ALTER PLANTAR LOADING IN INTERNATIONAL MALE FOOTBALL PLAYERS USING A FATIGUE INDUCING PROTOCOL
GIRARD, O. ET AL [QATAR]

MO-BN02-4
ROLE OF TRUNK MUSCLE CO-CONTRACTION DURING DJ FROM DIFFERENT HEIGHTS AND INSTABILITY CONDITIONS
PAULS, M. ET AL [GERMANY]

MO-BN02-5
POTENTIATING EFFECTS OF FREE WEIGHT AND ELASTIC BAND BACK SQUAT EXERCISES ON SUBSEQUENT VERTICAL JUMP PERFORMANCE
MINA, M.A. ET AL [UNITED KINGDOM]

MO-BN02-6
DIFFERENCES AND SIMILARITIES OF KINEMATIC TRIPLE JUMP PARAMETERS BETWEEN YOUTH AND ELITE ATHLETES
JASPERT, A. ET AL [GERMANY]

MO-BN02-7
BIOMECHANICAL CHARACTERISTICS OF VOLLEY KICKING FOR A CROSS BALL WITH VARIOUS HIGHTS IN SOCCER
SHINKAI, H. ET AL [JAPAN]

MO-BN02-8
MINIMAL MOMENTS OF INERTIA – AN ANALYSIS OF OPTIMAL TWIST AND SOMERSAULT POSITIONS
SCHÜLER, A. ET AL [GERMANY]

MO-PM27 Muscle function

LECTURE ROOM: MAILAND/WEST
Chair(s):
Nosaka, K. [Australia]
McPhee, J. [United Kingdom]

MO-PM27-1
OPTIMUM PORTION OF FORCE-DISPLACEMENT CURVE TO ASSESS MUSCLE HARDNESS WITH A PUSH-IN METER
MURAYAMA, M. ET AL [JAPAN]

MO-PM27-2
LOWER EXTREMITY MUSCLE CO-CONTRACTION CHARATERS DURING DIFFERENT PLANE OF LUNGES IN HEALTHY INDIVIDUALS
DAI, Y.X. ET AL [TAIWAN]

MO-PM27-3
THE STUDY OF UPPER QUARTER FUNCTIONAL STABILITY IN DEAF ELITE MALE SWIMMERS
LATIFI, S. ET AL [IRAN]

MO-PM27-4
GENDER EFFECT ON BILATERAL IMPACT FORCE AND IMPACT TIME DURING PLYOMETRIC JUMPING WITH RELATIVE HEIGHT
GU, C. [TAIWAN]

MO-PM27-5
CHANGES IN BICEPS BRACHII MUSCLE HARDNESS ASSESSSED BY ULTRASOUND STRAIN ELASTOGRAPHY AFTER ECCENTRIC EXERCISE OF THE ELBOW FLEXORS
INAMI, T. ET AL [AUSTRALIA]

MO-PM27-6
EFFECTS OF ACUTE LOCAL HEATING/COOLING ON RELATIONSHIPS BETWEEN MUSCLE HARDNESS, MUSCLE TIGHTNESS AND RANGE OF MOTION AT BICEPS FEMORIS MUSCLES
HIGASHINO, Y. ET AL [JAPAN]

MO-PM27-7
LOCAL CONTINUOUS KNEE-COOLING AFFECTS FUNCTIONAL HOP PERFORMANCE.
TASSIGNON, B. ET AL [BELGIUM]

MO-PM26 Training and performance in the elderly

LECTURE ROOM: BRÜSSEL/WEST
Chair(s):
Breen, L. [United Kingdom]
Abel, T. [Germany]

MO-PM26-1
AUTONOMIC REGULATION IN PHYSICALLY FIT AND RECREATIONALLY ACTIVE YOUNG AND OLDER MEN
KONISHI, M. ET AL [JAPAN]

MO-PM26-2
IS THE FUNCTIONAL TRAINING AN ADDED VALUE TO AGED POPULATION PHYSICAL FITNESS?
BEZERRA, P.. ET AL [PORTUGAL]

MO-PM26-3
EFFECTS OF EIGHT-WEEK MODERATE INTENSITY BODYWEIGHT EXERCISE ON WEIGHT LOSS AND FUNCTIONAL FITNESS IN ELDERS
YANG, K. [TAIWAN]

MO-PM26-4
NORDIC WALKING CAN BE INCORPORATED IN THE EXERCISE PRESCRIPTION TO INCREASE AEROBIC CAPACITY, STRENGTH AND QUALITY OF LIFE FOR ELDERLY: A SYSTEMATIC REVIEW AND META-ANALYSIS
BULLO, V. ET AL [ITALY]

MO-PM26-5
EFFECTS OF LINEAR PERIODIZATION AND DAILY UNDULATORY PERIODIZATION ON FUNCTIONAL CAPABILITY IN ELDERLY WOMEN
SILVA, S.C.S. ET AL [BRAZIL]

MO-PM26-6
EFFECTED OF ISAAN DANCE ON PHYSICAL PERFORMANCE IN THAI ELDERLY: A RANDOMIZED CONTROLLED TRIAL.
SRIRAKSA, C. ET AL [THAILAND]

MO-PM26-7
IMPROVEMENTS IN EXECUTIVE FUNCTION MIGHT IMPROVE LONG TERM ADHERENCE TO EFAM-UV© NEUROMOTOR TRAINING PROGRAM
CORDELLAT, A. ET AL [SPAIN]

MO-PM26-8
COMPARISON WITH THE STANDARDS TO ANALYSE PHYSICAL IMPROVEMENTS AFTER EFAM-UV© NEUROMOTOR TRAINING PROGRAM
ROLDAN, A. ET AL [SPAIN]

MO-PM26-9
ASSOCIATION OF PHYSIOLOGICAL CHANGES IN OLDER TAXI DRIVERS WITH MOTOR VEHICLE ACCIDENT INCIDENCE
LAU, L.K. ET AL [SINGAPORE]

MO-SH01 Health and fitness in children

LECTURE ROOM: L/SOUTH
Chair(s):
Gabriel, H. [Germany]
Krusche, T. [Germany]

MO-SH01-1
SEDENTARY TIME IN GERMAN PRIMARY SCHOOL CHILDREN
HOFFMANN, B. ET AL [GERMANY]

MO-SH01-2
PHYSICAL ACTIVITY LEVEL AND SEDENTARY BEHAVIOUR AMONG HEALTHY SCHOOLCHILDREN IN SPAIN MEASURED BY TRI-

AXIAL ACCELEROMETRY
BENÍTEZ-PORRES, J. ET AL [SPAIN]

MO-SH01-3
PHYSICAL FITNESS AND PROPORTION OF PHYSICAL FITNESS GIFTEDNESS IN THIRD GRADERS LIVING IN THE FEDERAL STATE OF BRANDENBURG, GERMANY: A COMPARISON OF THE 2011 AND 2015 COHORT
GOLLE, K. ET AL [GERMANY]

MO-SH01-4
BLOOD VALUES AND AEROBIC POWER IN SIX-YEAR OLD CHILDREN
MAMEN, A. ET AL [NORWAY]

MO-SH01-5
PARTICIPATION IN COMMUNITY-BASED HEALTH PROMOTION PROGRAMS HAS BENEFICIAL EFFECTS ON BODY COMPOSITION AND FITNESS IN EARLY CHILDHOOD
FERRARI, N. ET AL [GERMANY]

MO-SH01-6
MOTOR COMPETENCE ASSESSMENT . FIRST RESULTS FROM A NOVEL ASSESSMENT INSTRUMENT.
RODRIGUES, L.P. ET AL [PORTUGAL]

MO-SH01-7
THE COMPARISION OF PREDICTIVE MOTOR CONTROL LEARNING IN DEVELOPMENTAL COORDINATION DISORDER AND TYPICALLY DEVELOPING CHILDRENS
AHMADI, M. ET AL [IRAN]

MO-SH01-8
DEVELOPMENTAL STUDY OF FUNDAMENTAL MOVEMENT AMONG PRESCHOOL CHILDREN PLAYING HOPSCOTCH
SASAKI, R. ET AL [JAPAN]

MO-SH01-9
CORRELATION BETWEEN THE OBSTRUCTIVE SLEEP APNEA SYNDROME, PHYSICAL PERFORMANCE AND PHYSICAL ACTIVE AND INACTIVE LEISURE TIME ACTIVITIES IN JUVENILE OBESITY
RÜSWEG, S. ET AL [GERMANY]

MO-SH02 Sports in society: Mixed session

LECTURE ROOM: M/SOUTH
Chair(s):
McCuaig, L. [Australia]

MO-SH02-1
THE ROLE OF HOSTING SPORT EVENTS ON URBAN DEVELOPMENT
HEMATI-MORADABADI, J. ET AL [IRAN]

MO-SH02-2
SPORT AS A CHANCE FOR PUBLIC GERMAN TV
WERTH, M. [GERMANY]

MO-SH02-3
PSYCHOPHYSIOLOGICAL EVALUATIONS ON CARDIOVASCULAR RESPONSE WHILE WATCHING DIFFERENT SKILL-LEVEL KENDO GAMES
HOSHINO, S. [JAPAN]

MO-SH02-4
ANTICIPATION AND EXPERTISE IN E-SPORTS PLAYERS
KIM, H. [UNITED STATES]

MO-SH02-5
EFFECT OF 16 WEEKS OF SUPERVISED FARTLEK-TRAINING PROGRAM ON PERCEIVED WELLNESS OF UNIVERSITY STUDENTS OF SAUDI ARABIA
ANTONY, V.C. ET AL [SAUDI ARABIA]

MO-SH02-6
COACHES' PERSPECTIVES ON THE USE AND EFFECTIVENESS OF EXERCISE AS PUNISHMENT
KERR, G. ET AL [CANADA]

Friday, July 7th, 2017

15:00 - 16:00

MO-PM16 Training and testing in various sports 3

LECTURE ROOM: EUROPA/WEST
Chair(s):
Granacher, U. [Germany]

MO-PM16-1
THE ACUTE HORMONAL AND PHYSIOLOGICAL RESPONSE TO KETTLEBELL SWINGS DIFFERS DEPENDING ON LOAD, WHEN TOTAL WORK IS HELD CONSTANT
RAYMOND, L. ET AL [UNITED KINGDOM]

MO-PM16-2
FORCES AND POSITIONS IN SUSPENSION LUNGE EXERCISE
AGUILERA-CASTELLS, J. ET AL [SPAIN]

MO-PM16-3
PEAK POWER OUTPUTS DURING TRUNK ROTATIONS OCCUR AT LIGHT TO MODERATE WEIGHTS, DEPENDING ON SPORTS SPECIALIZATION OF ATHLETES
ZEMKOVÁ, E. ET AL [SLOVAKIA]

MO-PM16-4
ASSESSMENT OF LOWER BODY AND ABDOMINAL STRENGTH IN PROFESSIONAL SOCCER PLAYERS
MICHAELIDES, M. [CYPRUS]

MO-PM16-5
THE EFFECTS OF HIGH-INTENSITY TREADMILL RUNNING PROTOCOL ON SPEED PERFORMANCE IN HURDLE ATHLETES
YI-CHI, W. [TAIWAN]

MO-PM16-6
RELATIONSHIP BETWEEN AFFECTIVE STATES AND PHYSIOLOGICAL STRESS AFTER MODERATE AND EXHAUSITVE EXERCISE
SUDO, M. ET AL [JAPAN]

MO-PM16-7
RELATIONSHIPS BETWEEN VARIOUS AEROBIC FACTORS DURING AND AFTER MAXIMAL EXERCISE IN ELITE ATHLETES
YAMAGISHI, T. ET AL [JAPAN]

MO-PM16-8
GLOMERULAR FILTRATION RATE AND MILITARY PHYSICAL ACTIVITY DURING "2012 BRAZILIAN COMANDOS COURSE"
ROLIM FILHO, N. ET AL [PORTUGAL]

MO-PM16-9
CHANGES IN HEART RATE OF A JUMPER IN LONG JUMP ROPE
YOSHIDA, N. ET AL [JAPAN]

MO-PM29 Hypoxia and blood flow restriction 1

LECTURE ROOM: DEUTSCHLAND/SOUTH
Chair(s):
Raastad, T. [Norway]
Hecksteden, A. [Germany]

MO-PM29-1
THE CONTROL OF THE NORMOBARIC HYPOXIA INTENSITY IN OLDER AND YOUNG PEOPLE
TÖRPEL, A. ET AL [GERMANY]

MO-PM29-2
EFFECTS OF CYCLING EXERCISE AND AQUATIC EXERCISE IN HYPOBARIC HYPOXIA ON VASCULAR ADAPTATIONS AND GLUCOSE TOLERANCE
OGITA, F. ET AL [JAPAN]

MO-PM29-3
OLFACTORY IDENTIFICATION CAPACITY IS NOT AFFECTED DURING HIGH ALTITUDE CLIMBING
FRON, K. ET AL [GERMANY]

MO-PM29-4
RESISTANCE TRAINING WITH BLOOD FLOW RESTRICTION PROMOTES INCREASE MUSCLE MASS AND STRENGTH IN PEOPLE LIVING WITH HIV/AIDS
ALVES, T.C. ET AL [BRAZIL]

MO-PM29-5
THE EFFECT OF ACUTE OCCLUSION BURDEN ON MUSCLE-SPECIFIC MICORNA AND CONTEXTUAL GENE EXPRESSION PROFILE IN THIGH EXTENSOR MUSCLE
TORMA, F. ET AL [HUNGARY]

MO-PM18 Ageing: Balance and stability

LECTURE ROOM: PANORAMA/WEST
Chair(s):
Baudry, S. [Belgium]
Donath, L. [Switzerland]

MO-PM18-1
VALIDITY AND RELIABILITY OF A NOVEL INTEGRATIVE MOTOR PERFORMANCE TESTING AND TRAINING COURSE FOR SENIORS: THE "AGILITY CHALLENGE IN THE ELDERLY "
LICHTENSTEIN, E. ET AL [SWITZERLAND]

MO-PM18-2
MUSCLE QUALITY IN FRAIL ELDERLY INDIVIDUALS DETERMINED BY COMPUTED TOMOGRAPHY
BREIT, M. ET AL [NORWAY]

MO-PM18-3
THE EFFECTS OF FALL HISTORY ON KINEMATIC SYNERGY DURING WALKING
YAMAGATA, M. ET AL [JAPAN]

MO-PM18-4
POSTURAL STRATEGY ADOPTED DURING PROLONGED UPRIGHT STANDING DIFFERS BETWEEN YOUNG AND OLDER ADULTS
BOOGHS, C. ET AL [BELGIUM]

MO-PM18-5
BIOMECHANICAL ANALYSIS OF ONE-LEGGED SIT-TO-STAND MOVEMENTS
HOFFMANN, M. ET AL [GERMANY]

MO-PM18-6
REACTIVE POSTURAL CONTROL BY NON-TRIPPED LEG IN RESPONSE TO TRIPPED LEG BEHAVIOR AFTER A TRIP
NAKAJIMA, T. ET AL [JAPAN]

MO-PM18-7
AGE-RELATED CHANGES IN REACTIVE MOTOR RESPONSES TO ACHILLES TENDON VIBRATIONS IN AN INHIBITORY STEPPING REACTION TIME TASK
MAGNARD, J. ET AL [FRANCE]

MO-PM22 Injuries in the lower limb

LECTURE ROOM: BERLIN/WEST
Chair(s):
Hagen, M. [Germany]

MO-PM22-1
ANTERIOR CRUCIATE LIGAMENT CREEP AFFECTS NEUROMUSCULAR PERFORMANCE IN HEALTHY SOCCER PLAYERS
NUCCIO, S. ET AL [ITALY]

MO-PM22-2
THE FUNCTIONAL CHARACTERISTICS IN FEMALE ATHLETES WITH/WITHOUT FEAR OF RE-INJURY AFTER ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION
SATOH, M. ET AL [JAPAN]

MO-PM22-3
THE DEVELOPMENT OF DYNAMIC KNEE ALIGNMENT AFTER BALANCE AND JUMP TRAININGS TO PREVENT ANTERIOR CRUCIATE LIGAMENT INJURY
GOHDA, Y. ET AL [JAPAN]

MO-PM22-4
INVESTIGATING PHYSICAL FITNESS AS DETERMINANTS FOR THE ACL INJURY RISK IN FEMALE BASKETBALL PLAYER
KAGAYA, Y. ET AL [JAPAN]

MO-PM22-5
ILIOTIBIAL BAND STRAIN IS AFFECTED BY SEX AND POSITION
KIM, D. ET AL [JAPAN]

MO-PM22-6
THE ASSOCIATION BETWEEN TRANSVERSE ARCH AND INJURY OF ANKLE OR KNEE IN COLLEGE SOCCER PLAYERS
NAKAYAMA, Y. ET AL [JAPAN]

MO-PM22-7
THE EFFECT OF A NOVEL DYNAMIC TAPE ON PERFORMANCE IN INDIVIDUALS WITH CHRONIC ANKLE INSTABILITY
KODESH, E. [ISRAEL]

MO-PM22-8
MUSCLE ACTIVITY IN CHRONIC EXERTIONAL COMPARTMENT SYNDROME: A CASE-CONTROL STUDY
ROBERTS, A. ET AL [UNITED KINGDOM]

MO-PM22-9
IMPACT OF GLUCOCORTICOID DOSE AND CONDITIONING ON EXERCISE RESPONSE AND ADHERENCE IN PATIENTS RECEIVING ALLOGENEIC STEM CELL TRANSPLANTATION
KUEHL, R. [GERMANY]

MO-PM10 Training and testing: Basketball and rugby

LECTURE ROOM: RHEINLAND/SOUTH
Chair(s):
Holmberg, H. [Sweden]

MO-PM10-1
PERFORMANCE PREDICTORS IN ELITE FEMALE BASKETBALL PLAYERS
TORRES-UNDA, J. ET AL [SPAIN]

MO-PM10-2
MONITORING A PRESEASON PREPARATION PERIOD IN SEMI-PROFESSIONAL BASKETBALL
WELSCH, S. ET AL [GERMANY]

MO-PM10-3
KINEMATICS OF LATERAL CUTTING AFTER THE JUDGMENT IN DEFENSIVE BASKETBALL PLAYERS
KAMEDA, M. ET AL [JAPAN]

MO-PM10-4
USEFULNESS OF A SUBMAXIMAL SHUTTLE-RUN IN WEEKLY MONITORING OF SEMI-PROFESSIONAL BASKETBALL PLAYERS
VON FINTEL, J. ET AL [GERMANY]

MO-PM10-5
NO CORRELATION BETWEEN ANKLE DORSIFLEXION RANGE OF MOTION AND VERTICAL JUMP HEIGTH IN MALE ELITE YOUTH BASKETBALLPLAYERS
SEMPF, F. ET AL [GERMANY]

MO-PM10-6
COMPARISON OF DEFINITIONS OF GPS HIGH SPEED RUNNING METRES AND THEIR CORRELATION WITH TRAINING LOAD
LAWLOR, M. [IRELAND]

MO-PM10-7
THE FREQUENCY, INTENSITY, DURATION AND VOLUME OF TRAINING AND MATCH PARTICIPATION OF ELITE YOUNG RUGBY PLAYERS IN DIFFERENT PHASES OF THE SEASON
HENDRICKS, S. ET AL [UNITED KINGDOM]

MO-PM10-8
RUNNING- AND CONTACT- RELATED PERFORMANCE FLUCTUATIONS DURING INTERNATIONAL RUGBY SEVENS MATCH PLAY.
PEETERS, A. ET AL [FRANCE]

MO-PM10-9
MOVEMENT DEMANDS OF FRENCH TEAM UNDER-20S AND ELITE JUNIORS CLUB PLAYERS IN FRENCH RUGBY UNION
MATHIEU, B. [FRANCE]

MO-PM13 Coaching: Team sports

LECTURE ROOM: NEW YORK/WEST
Chair(s):
Tschan, H. [Austria]
Triska, C. [Austria]

MO-PM13-1
QUANTITATIVE MEASURED CHANGES OF PLAY BY LIMITED RULES - FROM CHILDREN'S BALL PASSING GAMES –
TAZUKE, S. ET AL [JAPAN]

MO-PM13-2
COMPETITION DYNAMICS OF DEFENDER VERSUS ATTACKER IN 1 VS. 1
TSUTSUI, K. ET AL [JAPAN]

MO-PM13-3
PLAYER ROTATION FACTORS AND INDIVIDUAL CHARACTERISTICS INFLUENCE PHYSICAL AND TECHNICAL PERFORMANCE IN PROFESSIONAL AUSTRALIAN RULES FOOTBALL
COUTTS, A. ET AL [AUSTRALIA]

MO-PM13-4
THE ROLE OF BODY COMPOSITION ON ATHLETIC PERFORMANCE IN MALE AUSTRIAN LACROSSE PLAYERS
HAUER, R. ET AL [AUSTRIA]

MO-PM13-5
EFFECT OF CONCURRENT SPECIFIC STRENGTH AND REPEATED SPRINT TRAINING ON IGF-1 CONCENTRATIONS IN FUTSAL PLAYERS: EFFECT OF INTRA-SESSION EXERCISE SEQUENCE
PHONGSRI, K. ET AL [THAILAND]

MO-PM13-6
EFFECT OF PRIOR TRAINING LOAD ON ENDOCRINOLOGICAL AND OXIDATIVE DAMAGE MARKERS IN TEAM SPORT PLAYERS
SLATTERY, K. ET AL [AUSTRALIA]

MO-PM13-7
OXYTOCIN VARIATION DURING COMPETITION IN TEAM SPORT PLAYERS
CODRONS, E. ET AL [ITALY]

MO-PM17 Obesity and bone: mixed session

LECTURE ROOM: MAILAND/WEST
Chair(s):
Kreuzpointner, F. [Germany]

MO-PM17-1
BONE MINERAL DENSITY OF ELITE LEVEL KENYAN MALE AND FEMALE RUNNERS: PRELIMINARY DATA FROM RED-S STUDY
MOOSES, M. ET AL [ESTONIA]

MO-PM17-2
EFFECTS OF JUDO TRAINING ON BONES: A SYSTEMATIC LITERATURE REVIEW
CIACCIONI, S. ET AL [ITALY]

MO-PM17-3
FACTORS RELATED TO CALCANEAL BONE DENSITY IN WORLD-CLASS RACEWALKERS
GOMEZ-EZEIZA, J. ET AL [SPAIN]

MO-PM17-4
DO AGE AND SEX MODERATE THE PREDICTABILITY OF BMI ON THE FUTURE ONSET OF

LBP? A META ANALYSIS WITH MEGA TRIAL
ERHARDT, R. ET AL [GERMANY]

MO-PM17-5
EFFECT OF REGULAR EXERCISE ON VISUOSPATIAL ATTENTION IN YOUNG ADULTS WITH OBESITY
TSAI, C.L. ET AL [TAIWAN]

MO-PM30 Assessment and promotion of PA

LECTURE ROOM: BRÜSSEL/WEST
Chair(s):
Thiel, C. [Germany]

MO-PM30-1
THE ASSESSMENT OF PHYSICAL ACTIVITY AMONG ADULTS IN KOREA
KO, B. ET AL [KOREA, SOUTH]

MO-PM30-2
Screening for physical exercise in unsupervised training.
TAKITO, M.Y. ET AL [BRAZIL]

MO-PM30-3
EFFECTS OF A 12-WEEK PEDOMETER-BASED WORKPLACE INTERVENTION ON HEALTH PARAMETERS – A PILOT STUDY
LUETKEMEIER, L. ET AL [GERMANY]

MO-SH03 Sport psychology and cognition

LECTURE ROOM: L/SOUTH
Chair(s):
Plessner, H. [Germany]
Gerber, M. [Switzerland]

MO-SH03-1
VISUAL SEARCH AND TACTICAL BEHAVIOURS OF DEFENSIVE SOCCER PLAYERS
BAGATIN, R.T. ET AL [PORTUGAL]

MO-SH03-2
THE RELATIONSHIP BETWEEN DIFFERENT METHODS OF TRAININGS AND EXECUTIVE FUNCTION IN JUNIOR SOCCER PLAYERS
SAKAMOTO, S. [JAPAN]

MO-SH03-3
COGNITIVE AND MOTIVATIONAL FUNCTIONS OF SELF-TALK IN ELITE ATHLETES: GENDER AND SPORTS TYPES
HATAMI, F. ET AL [IRAN]

MO-SH03-4
NEURAL CORRELATES OF TEMPORAL DYNAMICS OF COGNITIVE CONTROL IN BADMINTON PLAYERS
LIN, C.C. ET AL [TAIWAN]

MO-SH03-5
A NEUROBEHAVIORAL APPROACH ON INHIBITORY CONTROL IN RACKET VS. TEAM SPORTS ATHLETES
SOGA, K. ET AL [JAPAN]

MO-SH03-6
EFFECT OF CONSISTENT PREPARATION BEHAVIOR IN BASKETBALL FREE THROW
NAGATA, N. [JAPAN]

MO-SH03-7
BEHAVIOURAL OBSERVATION FORM- A PRACTICE-DRIVEN APPROACH TO ASSESS PSYCHOLOGICAL CHARACTERISTICS OF BOXING TALENTS
WALTER, N. ET AL [GERMANY]

MO-SH03-8
COPING WITH STRESS AND INJURY IN COMPETITIVE POWERLIFTING
PAVELIC, M. ET AL [FINLAND]

MO-SH03-9
THE EFFECT OF AEROBIC FITNESS ON FEATURE BINDING PROCESSING DURING WORKING MEMORY IN MALE YOUNG ADULTS
LIN, J.T. ET AL [TAIWAN]

MO-SH03-10
THE EFFECT OF AEROBIC FITNESS ON RESPONSE VARIABILITY AND POST-RESPONSE CONFLICT PROCESSING IN THE STROOP TASK
CHANG, K.Y. ET AL [TAIWAN]

MO-SH04 Leisure activity and health

LECTURE ROOM: M/SOUTH
Chair(s):
Fett, J. [Germany]

MO-SH04-1
A BIG DATA ANALYSIS PERSPECTIVE: THE QUANTITY AND QUALITY OF STRUCTURED EXERCISE WITHIN HEALTH AND WELLNESS CLUBS
BENVENUTI, P. ET AL [ITALY]

MO-SH04-2
USER BEHAVIOR ANALYSIS OF OUTDOOR FITNESS EQUIPMENT
WU, D.R. ET AL [TAIWAN]

MO-SH04-3
PHYSICAL ACTIVITY LEVELS IN HEALTHY UNIVERSITY STUDENTS
KUNO-MIZUMURA, M. ET AL [JAPAN]

MO-SH04-4
EFFECTS OF SHUTTLECOCK KICKING ON BODY COMPOSITION IN PERIMENOPAUSAL FEMALES
DING, H. [CHINA]

MO-SH04-5
BENEFIT EFFECTS OF 6-HYDROXYMELATONIN SULPHATE AND SLEEP QUALITY BY FITNESS QIGONG IN MIDDLE-AGE WOMEN
HUANG, L. [CHINA]

MO-SH04-6
EFFECTS OF OUTDOOR ACTIVITIES ON THE SENSE OF SPIRITUALITY EXAMINED FROM DIFFERENCES BETWEEN OUTDOOR ACTIVITIES AND COMPETITIVE SPORTS.
KIJI, M. ET AL [JAPAN]

MO-SH04-7
FINDING ENVIRONMENTAL KNOWLEDGE IN SCUBA-BASED TEXTUAL MATERIALS
AYGUN, Y. ET AL [TURKEY]

MO-BN3 Technology and methods

LECTURE ROOM: N/SOUTH
Chair(s):
Schmidt, M. [Germany]

MO-BN3-1
THE EFFECT OF CONTACT ANGLE ON VARYING ELECTRONIC BODY PROTECTOR IN SIDE KICKS
PENG, Y.C. ET AL [TAIWAN]

MO-BN3-2
THE EFFECT OF SIDE KICKS ON DIFFERENT AREA OF ELECTRONIC BODY PROTECTOR
LIU, T.T. ET AL [TAIWAN]

MO-BN3-3
VALIDITY AND RELIABILITY OF DELSYS TRIGNO WIRELESS SENSOR COMPARED TO 3-D MOTION CAPTURE SYSTEM WHEN DETECTING JOINT ANGLES
HO, H.Z. ET AL [TAIWAN]

MO-BN3-4
AN ANALYSIS OF PERFORMING TIMES IN EVERYDAY LIFE MOVEMENTS THROUGHOUT LIFE
ESPINOSA-SANCHEZ, M. [MEXICO]

MO-BN3-5
INVESTIGATION MOVEMENT COORDINATION AND OUTCOME PERFORMANCE OF AIR PISTOL SHOOTING
CHEN, H.H. ET AL [TAIWAN]

Thursday, July 6th, 2017

13:00 - 14:00

CP-SH05 Sport management

LECTURE ROOM: GRGROUND LEVEL/WEST
Chair(s):
Ainsworth, B. [United States]

CP-SH05-1
PROVIDING A MODEL BETWEEN EMPOWERMENT AND PSYCHOLOGICAL CAPITAL AND COMPETITIVE ADVANTAGE OF IRAN SWIMMING FEDERATION
Hami, M. et al [Iran]

CP-SH05-2
INTERPRETATION OF UEFA CLUB LICENSING AND FINANCIAL FAIR PLAY REGULATIONS UNDER MERTON FUNCTIONALIST THEORY ANALYSIS PERSPECTIVE AND ENLIGHTENMENT
Yu, T. [China]

CP-SH05-3
DO CITY COLLEGE STUDENTS LIKE DOING PHYSICAL ACTIVITIES MORE THAN RURAL COLLEGE STUDENTS?
Lianghui, L. et al [China]

CP-SH05-4
THE EFFECT OF SPORT STAR ADVERTISING ACTIVITY ON THE PSYCHOLOGICAL SENSE OF COMMUNITY
KIM, H.N. et al [Korea, South]

CP-SH05-5
A STUDY OF THE RELATIONSHIP BETWEEN TEAM LOYALTY ACCORDING TO THE IMAGE OF SPORT TEAMS
SEO, H. et al [Korea, South]

CP-SH05-6
THE EFFECT OF PERCEIVED CSR ON TEAM IDENTIFICATION AND TEAM LOYALTY IN PROFESSIONAL FOOTBALL IN KOREA
Park, J. et al [Germany]

CP-PM05 Training and testing in various sports 1

LECTURE ROOM: GRGROUND LEVEL/WEST
Chair(s):
Tschan, H. [Austria]

CP-PM05-1
MAPPING THE ECOLOGICAL VALIDITY OF EQUINE GAIT ANALYSIS RESEARCH: A REVIEW OF LITERATURE 1978 – 2015
Egan, S. et al [Ireland]

CP-PM05-2
EQUESTRIAN BALANCE
Delemarre, S. et al [Netherlands]

CP-PM05-3
ACUTE EFFECTS OF STATIC VS. BALLISTIC STRETCHING ON H/Q RATIO BETWEEN BALLET DANCERS AND RESISTANCE TRAINED WOMEN.
Lima, C.D. et al [Canada]

CP-PM05-4
PREVALENCE OF CHEERLEADING INJURY IN KOREAN CLUB SPORTS YOUNG CHEERLEADERS
Yun, S. et al [Korea, South]

CP-PM05-5
POTENTIAL MUSCLE IMBALANCES IN CLUB LEVEL FENCERS
Bottoms, L. et al [United Kingdom]

CP-PM05-6
TREE TACTICS IN FENCING: ELITE EPEE MEN'S
Iglesias, X. et al [Spain]

CP-PM05-7
THE USE OF ANTHROPOMETRIC FACTORS IN TALENT ION IN SWIMMING
Altmann, K. [Germany]

CP-PM05-8
EFFECT OF BLOCKED VISION ON THE REPRODUCIBILITY OF BALLET LEG POSITIONS IN ELITE JAPANESE SYNCHRONIZED SWIMMERS
Komori, Y. et al [Japan]

CP-PM05-9
PROGRESSION AND AGE AT PEAK PERFORMANCE OF ELITE MALE TRIPLE JUMPERS
Niessen, M. et al [Germany]

CP-PM05-10
SEX-RELATED DIFFERENCES IN GROWTH AND PATTERNS OF DEVELOPMENT OF THIGH MUSCLE THICKNESS, ANAEROBIC POWER, AND SKATING PERFORMANCE IN JUNIOR SPEED SKATERS
Kumagawa, D. et al [Japan]

CP-PM05-11
EFFECT OF BLOOD LACTATE AND ACTIVE OXYGEN ON HOLDER TRAINING OF ELITE SPORT CLIMBING ATHLETES
Son, Y.H. et al [Korea, South]

CP-PM05-12
ISCHAEMIC PRECONDITIONING DOES NOT IMPROVE REPEATED SPRINT ABILITY IN ELITE RUGBY SEVENS PLAYERS.
Patterson, S. et al [United Kingdom]

CP-PM12 Cardiovascular physiology

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
González-Alonso, J. [United Kingdom]

CP-PM12-1
EFFECTS OF TWO TYPES OF PHYSICAL TRAINING EXERCISE ON VENTRICULAR CARDIOMYOCYTES REMODELING OF HYPERTENSIVE RATS.
DELPECH, N. et al [France]

CP-PM12-2
KINETIC OF LEFT VENTRICULAR FUNCTION AND MECHANIC DURING THE TRANSITION FROM REST TO EXERCISE IN TRAINED CYCLISTS.
IZEM, O. [France]

CP-PM12-3
EFFECT OF 8 WEEKS TRAINING WITH AND WITHOUT POMEGRANATE ON BOOLD PRESURE AND VO2MAX IN MIDDLE AGE WOMEN
Sadegh Eghbali F. et al [Iran]

CP-PM12-4
EFFECTS OF ORAL CONTRACEPTIVES AND PHYSICAL HABITS ON HEMODYNAMICS AND ARTERIAL STIFFNESS IN YOUNG WOMEN
Enea, C. et al [France]

CP-PM12-5
THE IMPACT OF TYPE OF SPORT, GENDER AND AGE ON RED BLOOD CELL DEFORMABILITY OF ELITE ATHLETES: A CROSS-SECTIONAL STUDY
Tomschi, F. et al [Germany]

CP-PM12-6
MIR-214 AND MIR-126 WERE ASSOCIATED WITH RESTORATION OF ENDOTHELIAL FUNCTION IN YOUNG OBESE ADULTS AFTER EXERCISE AND DIETARY INTERVENTION
Hu, M. et al [China]

CP-PM12-7
AQUATIC EXERCISE DECREASES ARTERIAL STIFFNESS AFTER TRAINING CAMP IN FEMALE ATHLETES
Kaori, S. et al [Japan]

CP-PM13 Muscle injuries and damage

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Nosaka, K. [Australia]
Racinais, S. [Qatar]

CP-PM13-1
ENERGY ABSORPTION STRATEGY IN THE LOWER EXTREMITY BY KNEE VALGUS/VARUS ALIGNMENT DURING VERTICAL JUMPS
Tamura, A. et al [Japan]

CP-PM13-2
ALIGNMENT OF TRUNK AND LOWER EXTREMITY DURING STAR EXCURSION BALANCE TEST MIGHT BE USEFUL FOR EVALUATION OF ACL INJURY RISK
Uebayashi, K. et al [Japan]

CP-PM13-3
KNEE ROTATION RELATED TO GENDER, KNEE ANGLE AND APPLIED TORQUE
Seiya, M. et al [Japan]

CP-PM13-4
ASSOCIATION ANALYSIS OF ACTN3 R577X POLYMORPHISM WITH MUSCLE STIFFNESS AND MUSCLE STRAIN INJURY
Miyamoto-Mikami, E. et al [Japan]

CP-PM13-5
INVESTIGATION OF CONTRALATERAL ARM DESIGN FOR ASSESSING MUSCLE DAMAGE IN HUMANS
Chino, K. et al [Japan]

CP-PM13-6
INJURY SURVEILLANCE OF NON-PROFESSIONAL SALSA DANCE
Domene, P.A. et al [United Kingdom]

CP-PM13-7
CONFORMITY BETWEEN MUSCLE HARDNESS TESTER AND O-RING TEST RESULTS
Choi, H.S. et al [Korea, South]

CP-PM13-8
ACUTE EFFECTS OF FOAM-ROLLING ON VOLUME ALTERATIONS OF THE LOWER LIMBS AND PERCEIVED PAIN
Kühnemann, M. et al [Germany]

CP-PM13-9
EFFECT OF LOWER LEG BALANCE TAPING ON BODY BALANCE
Kim, J.W. et al [Korea, South]

CP-PM14 Internal medicine

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
de Marées, M. [Germany]

CP-PM14-1
BODY COMPOSITION CHANGES AFTER RESISTANCE, AEROBIC AND COMBINED TRAINING AND DETRAINING IN CORONARY ARTERY DISEASED PATIENTS
Panayiotou, G. et al [Cyprus]

CP-PM14-2
EFFECT OF INTRADIALYSIS EXERCISE PROGRAM ON PHYSICAL FITNESS IN CHRONIC KIDNEY DISEASE
Cobo Vicente, F. et al [Spain]

CP-PM14-3
IMPACT OF PHYSICAL INACTIVITY ON THE RISK OF DEVELOPMENT HEPATIC STEATOSIS IN WOMEN
Sá Pinto Montenegro, C. et al [Brazil]

CP-PM14-4
THE BENEFITS OF REGULAR PHYSICAL ACTIVITY ON DOXORUBICIN-INDUCED KIDNEY COLLAGEN DEPOSITION ON RATS
Cardoso, D. et al [Portugal]

CP-PM14-5
PRE-PARTICIPATION CARDIAC SCREENING IN ATHLETES-10 YEARS' <2007-2017> EXPERIENCE
Stoian, I.M. et al [Romania]

CP-PM14-6
FEASIBILITY OF MYOCARDIAL PERFUSION SPECT IN DIAGNOSTICS OF NONCORONARY DISMETABOLIC HEART DISEASES IN ATHLETES
Bondarev, S.A. et al [Russia]

CP-PM14-7
GENDER DIFFERENCES IN SEVERAL HEALTH INDICES AFTER A SHORT AND MIXED WEIGHT REDUCING PROGRAM
JOFFROY, S. et al [France]

CP-PM14-8
HEMODYNAMIC RESPONSES IN MAXIMAL AND SUBMAXIMAL STRENGTH TEST IN HYPERTENSIVE ELDERLY
Leite, T. et al [Brazil]

CP-PM15 Orthopaedics and rehabilitation: mixed session

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Mayer, F. [Germany]

CP-PM15-1
WHAT IS THE EFFECTIVE STRETCHING POSITION FOR ELONGATING NECK EXTENSOR MUSCLES? AN ULTRASONIC SHEAR WAVE ELASTOGRAPHY STUDY
YANASE, K. et al [Japan]

CP-PM15-2
EFFECTS OF 300 SECONDS OF STRETCHING ON FLEXIBILITY AND ISOMETRIC MUSCLE FORCE DO NOT DIFFER BETWEEN STRETCHING METHODS
Matsuo, S. et al [Japan]

CP-PM15-3
FEATURE OF TRUNK MUSCLE ACTIVITIES DURING SWIMMING IN SWIMMERS WITH LOW BACK PAIN
Kitamura, G. et al [Japan]

CP-PM15-4
EFFECTS OF WELL-ROUNDED EXERCISE TRAINING ON CARTILAGE METABOLISM IN FEMALES WITHOUT RADIOLOGICALLY KNEE OSTEOARTHRITIS
Yasuda, T. et al [Japan]

CP-PM15-5
CLINICAL EFFECT OF DEEP NECK BENDING EXERCISE APPLIED TO CHRONIC NECK PAIN PATIENTS
Seo, Y.H. et al [Korea, South]

CP-PM15-6
RTD EVALUATION AS FUNCTIONAL REHABILITATION AND RTS CRITERIA FOR HAMSTRING STRAIN INJURIES. A PRELIMINARY STUDY.
Bikandi, E. et al [Spain]

CP-PM15-7
LOWER LIMB ELECTROMYOGRAPHY IN PATIENTS WITH ACHILLES TENDON REPAIR DURING RAMP ANKLE ASCENDING AND DESCENDING EXERCISE
Kuo, C.Y. et al [Taiwan]

CP-PM15-8
USE OF WALKING POLES FOR POSTURAL STABILITY DURING STANDING IN PATIENTS WITH KNEE AND HIP OSTEOARTHRITIS
Fukusaki, C. et al [Japan]

CP-PM15-9
RADIOGRAPHIC COMPARISON OF KNEE OSTEOARTHRITIS, PAIN AND FUNCTION BETWEEN EX-ELITE MALE TABLE TENNIS PLAYERS AND THEIR AGED MATCHED CONTROLS
Meghdadi, N. et al [Iran]

CP-PM16 Females, elite athletes and vibration: mixed session

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Trompeter, K. [Germany]

CP-PM16-1
BASELINE CHARACTERISTICS OF WOMEN WHO COMPLETED OR NOT AN ENDURANCE TRAINING PROGRAM
Garnier, S. et al [France]

CP-PM16-2
THE EFFECT OF HIGH-INTENSITY TABATA EXERCISE ON THE MAXIMAL OXYGEN UPTAKE AND BLOOD VARIABLES OF MIDDLE-AGED WOMEN
Yoon, S.M. et al [Korea, South]

CP-PM16-3
ALTERATIONS TO SALIVARY IMMUNOGLOBULIN-A AND CORTISOL RESPONSES TO PROFESSIONAL RUGBY LEAGUE PRE-SEASON TRAINING
Thornton, H.R. et al [Australia]

CP-PM16-4
EFFECT OF ACUTE MODAFINIL INGESTION ON COGNITIVE AND PHYSICAL PERFORMANCE FOLLOWING MENTAL EXERTION
Rattray, B. et al [Australia]

CP-PM16-5
THE RELATIONSHIP BETWEEN CENTRAL AND PERIPHERAL FATIGUE IN TERMS OF WITH OR WITHOUT SLEEP DEPRIVATION
SHIODA, K. et al [Japan]

CP-PM16-6
PAIN THRESHOLDS AFTER ROWING AT DIFFERENT INTENSITIES
Krüger, S. et al [Germany]

CP-PM16-7
VARIABILITY SLIDING UPON A NOVEL SLIDE VIBRATION BOARD AT DIFFERENT VIBRATION FREQUENCIES
Gisbert, J.F. et al [Spain]

CP-PM16-8
EFFECTS OF VIBROTACTILE FEEDBACK ON SEDENTARY BEHAVIORS OF ADULTS: A PILOT RANDOMIZED CONTROLLED TRIAL
Nishimura, M. et al [Japan]

CP-PM17 Ventilation, hypoxia, health and fitness

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Venzke, J. [Germany]

CP-PM17-1
MEASUREING THE ENERGY OF VENTILAION AND CIRCULATION DURING HUMAN WALKING USING INDUCED HYPOXIA
Horiuchi, M. et al [Japan]

CP-PM17-2
THE RELATIONSHIP BETWEEN LUNG FUNCTION AND PHYSICAL FITNESS PARAMETERS
Imai, T.. et al [Japan]

CP-PM17-3
EFFECTS OF VOLUNTARY DIAPHRAGMATIC BREATHING ON NATURALLY INDUCED STRESS DURING A HIKING TOUR: A PILOT STUDY
Kaldewey, K. et al [Germany]

CP-PM17-4
THE EFFECTS OF ELASTIC BAND EXERCISE ON RESPIRATORY MUSCLE STRENGTH AND FUNCTIONAL CAPACITY IN THORACOTOMY PATIENTS
Erdogan, M. et al [Turkey]

CP-PM17-5
ACUTE EFFECTS OF NORMOBARIC HYPOXIA ON DUAL-TASK GAIT VARIABILITY
Brennicke, M. et al [Germany]

CP-PM17-6
MORPHOLOGICAL CHANGES OF MUSCLE AND MOTOR END PLATE DURING RECOVERY FROM MUSCLE ATROPHY
Nishizawa , T. [Japan]

CP-PM17-7
WORKPLACE HEALTH PROMOTION FOR PUBLIC TRANSPORTATION SERVICE EMPLOYEES
Wilke, C. et al [Germany]

CP-PM17-8
EFFECT OF WATER INTAKE ON OWNERS WALKING THEIR DOG IN A HOT ENVIRONMENT
FURUMOTO, K. et al [Japan]

CP-PM18 Brain and cognition

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Levin, O. [Belgium]

CP-PM18-1
DOES CEREBRAL BLOOD FLOW AND OXYGENATION AFFECT IMPAIRMENT IN COGNITIVE FUNCTION DURING EXERCISE?
Komiyama, T. et al [Japan]

CP-PM18-2
IMPACT OF COGNITIVE AND COORDINATIVE INTERVENTIONS ON PAIN PROCESSING IN YOUNG HEALTHY MEN
Herzig, M. et al [Germany]

CP-PM18-3
EFFECT OF ESTRADIOL/PROGESTERONE RATIO ON COGNITIVE FUNCTION AT REST AND DURING EXERCISE IN HEALTHY YOUNG WOMEN
Sawai, A. et al [Japan]

CP-PM18-4
EXECUTIVE FUNCTION AND BDNF CONCENTRATIONS DID NOT DIFFER BETWEEN WELL TRAINED FUTSAL PLAYERS, SWIMMERS AND SEDENTARY MALE ADOLESCENTS AT REST.
Prado, L.S. et al [Brazil]

CP-PM18-5
EFFECTS OF BRAIN ENDURANCE TRAINING ON ENDURANCE
Dallaway, N. et al [United Kingdom]

CP-PM18-6
PHYSICAL ACTIVITY BEFORE 16 YEARS OF AGE IS ASSOCIATED WITH THALAMUS VOLUME AND VERBAL MEMORY IN HEALTHY ADULT SUBJECTS
Prats-Puig, A. [Spain]

CP-PM18-7
TREADMILL RUNNING DECREASES THE ACCUMULATION OF AMYLOID IN LACTATIONAL DEHP-EXPOSED AGED RATS
Lee, Y.C. et al [Taiwan]

CP-PM18-8
WHOLE-HAND WATER IMMERSION DOES NOT CHANGE CORTICOSPINAL EXCITABILITY IN HUMANS
Sato, D. et al [Japan]

CP-PM18-9
MODELLED BEHAVIOR AND ERROR DETECTION IN AN ABSTRACT SEQUENCING TASK
Gulde, P. et al [Germany]

CP-PM19 Children and adolescents

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Fett, J. [Germany]

CP-PM19-1
INVESTIGATION OF SHOULDER INJURIES AMONG JAPANESE FEMALE WATER POLO PLAYERS
Iizuka, S. et al [Japan]

CP-PM19-2
DETERIORATION OF THE SPRINT MOTION CAUSED BY ADOLESCENT AWKWARDNESS FOR ELEMENTARY SCHOOL CHILDREN
Kokudo, S. [Japan]

CP-PM19-3
STRESS SONOGRAPHY OF THE ULNAR COLLATERAL LIGAMENT OF THE ELBOW IN JUDO PLAYERS
Fukuda, Y. et al [Japan]

CP-PM19-4
FATIGUE, PHYSICAL FUNCTION AND PHYSICAL ACTIVITY IN YOUNG ADULT WOMEN.
Azevedo, L.M.M. et al [Brazil]

CP-PM19-5
INVESTIGATION OF MOTOR SKILLS OF 11-14 AGED ADOLESCENT ACCORDING TO BMI
gozel tepe, z. [Turkey]

CP-PM19-6
PREFERENCES OF PHYSICAL EDUCATION AND PLAYS IN 10-12 YEAR-OLD CHILDREN IN EAST ASIA
Ikeda, T. et al [Japan]

CP-PM19-7
HEALTH-RELATED PHYSICAL FITNESS IN ELEMANTERY SCHOOL-AGED CHILDREN IN NORTH CYPRUS
Kirmizigil, B. et al [Cyprus]

CP-PM19-8
THE SPECIFIC EFFECTS OF DEVELOPMENTAL STAGE ON PHYSICAL ABILITY IN ADOLESCENT FEMALE FOOTBALL PLAYERS
Inoue, Y. [Japan]

CP-PM19-9
EXAMINING THE EFFECT OF ETHNICITY AND LANGUAGE ON FUNDAMENTAL MOVEMENT SKILLS IN CHILDREN FROM LOW SES BACKGROUNDS IN COVENTRY, UK.
Eyre, E.L.J. et al [United Kingdom]

CP-PM19-10
PERFORMANCE ANALYSIS FOR ESTABLISHING AN INNOVATIVE LECTURE STYLE AT UNIVERSITY.
Magome, T. et al [Japan]

Friday, July 7th, 2017

13:00 - 14:00

CP-SH03 Sport psychology 1

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Lane, A. [United Kingdom]

CP-SH03-1
RELATIONSHIP BETWEEN PSYCHOLOGICAL EFFECTS AND SUBJECTIVE SATISFACTIONS BY VIEWING MOTIVATIONAL VIDEO FOR OLYMPIC ATHLETES
YAMAZAKI, M. [Japan]

CP-SH03-2
RELATION BETWEEN RESILIENCE AND STARTING AGE IN THEIR SPORT IN MEXICAN ATHLETES
Castellanos, L. et al [Mexico]

CP-SH03-3
STUDY OF COACH-ATHLETE RELATIONSHIP AND SUCCESSFUL MOTIVATION OF NATIONAL ARCHERS OF IRAN AND UNITED STATES.
Haji Anzehaei, E. [Iran]

CP-SH04 Sport psychology 2

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Plessner, H. [Germany]

CP-SH04-1
DEVELOPMENT OF AN INSTRUMENT FOR QUALITY ASSURANCE IN COMPETITIVE YOUTH SOCCER
Loch, F. et al [Germany]

CP-SH04-2
CAN REACTIVITY TO ELECTRONIC DEVICES IMPROVE SWIMMING PERFORMANCE? AN ORIGINAL STUDY
Vandoni, M. [Italy]

CP-SH04-3
INJURY AND DISORDERED EATING BEHAVIORS: WHAT IS THE CONNECTION FOR FEMALE PROFESSIONAL DANCERS?
Reel, J. et al [United States]

CP-SH04-4
THE EFFECT OF ACUTE AEROBIC EXERCISE ON ATTENTION FUNCTION IN HEALTHY OLDER ADULTS
Shimura, Y. et al [Japan]

CP-SH04-5
SOCIAL COGNITIVE THEORY AND PHYSICAL ACTIVITY AMONG KOREAN MALE HIGH SCHOOL STUDENTS
Lee, C.G. [Korea, South]

CP-SH04-6
THE EVASKIP-STUDY: IS PHYSICAL PERFORMANCE AND HEALTH RELATED QUALITY OF LIFE ASSOCIATED WITH DIFFERENT SCHOOL TYPES IN GERMANY?
Schulz, T. et al [Germany]

CP-BN04 Coordination and motor control

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Federolf, P. [Austria]

CP-BN04-1
LINKING COLLECTIVE VARIABLE, SYNERGIES AND TASK OUTCOME: THE ROLLERBALL EXAMPLE
Liu, Y. et al [Taiwan]

CP-BN04-2
IDENTIFYING UNITS OF DISCRETE MOVEMENT IN SPACE-TIME CONSTRAINTS
Tsung-Yu, H. et al [Taiwan]

CP-BN04-3
THE IMPACT OF VISUAL OCCLUSION ON THE KINEMATICS OF THE BASKETBALL DRIBBLE
Dunton, A. et al [Ireland]

CP-BN04-4
THE RELATIONSHIP BETWEEN GOLF PUTTING PRECISION AND VARIABILITY IN INITIAL BALL DIRECTION AND VELOCITY
Miyake, Y. et al [Japan]

CP-BN04-5
OVERESTIMATION OF SUCCESS-RATE IS STRONGER IN MOTOR CONDITION THAN IN EQUIVALENT NON-MOTOR CONDITION IN TWO-CHOICE DECISION TASK
Onagawa, R. et al [Japan]

CP-BN04-6
INFLUENCES OF LONG-TERM MOTOR TRAINING ON THE EXCITABILITY OF THE CORTICOSPINAL TRACT DURING DUAL-TASK
Fukumoto, H. et al [Japan]

CP-BN04-7
CHANGES IN BRAIN GRAY MATTER VOLUME IN UNIVERSITY-LEVEL SOCCER PLAYERS
Kamibayashi, K. et al [Japan]

CP-BN03 Neuromuscular function 1

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Girard, O. [Qatar]
Ishikawa, M. [Japan]

CP-BN03-1
ACUTE EFFECTS OF A SPECIFIC POST-ACTIVATION POTENTIATION PROTOCOL ON SWIMMING START PERFORMANCE OF COMPETITIVE SWIMMERS
Vieira, L. et al [Brazil]

CP-BN03-2
INFLUENCE OF POLYURETHANE MIDSOLE ON GROUND REACTION FORCE DURING STRETCH-SHORTENING-CYCLE MOVEMENT
Noro, H. et al [Japan]

CP-BN03-3
CO-CONTRACTION AND SSC IN VOLLEYBALL OVERHEAD PASS
Ozawa, Y. et al [Japan]

CP-BN03-4
BICEPS BRACHII MECHANOMYOGRAPHIC AND ELECTROMYOGRAPHIC ACTIVITY CHANGES AFTER ECCENTRIC EXERCISE OF THE ELBOW FLEXORS
Shima, N. et al [Japan]

CP-BN03-5
CAFFEINE AMELIORATES THE TRANSIENT DEPRESSION OF FORCE FOLLOWING UNILATERAL RESISTANCE EXERCISE IN TRAINED ADULT MALES
Davies, R.W. et al [Ireland]

CP-BN03-6
THE EFFECT OF SEX AND MOTONEURON POOL ON CENTRAL FATIGUE
Yacyshyn, A.F. et al [Canada]

CP-BN03-7
INCREASED VASTUS LATERALIS' HARDNESS AFTER 15 WEEKS OF RESISTANCE TRAINING: AN ULTRASOUND STRAIN ELASTOGRAPHY STUDY
Armada, P. [Portugal]

CP-BN03-8
EFFECT OF ELECTRODE POSITION FOR LOW NEUROMUSCULAR ELECTRICAL STIMULATION ON THE QUADRICEPS
Watanabe, K. [Japan]

CP-BN03-9
MORPHOLOGICAL DETERMINANTS OF EXPLOSIVE STRENGTH
Maden-Wilkinson, T.M. et al [United Kingdom]

CP-BN03-10
FORCE-VELOCITY PROFILES OF A LEG-EXTENDING MODEL MUSCLE FOR MALE ATHLETES IN THE THROWING EVENTS
Schleichardt, A. et al [Germany]

CP-PM04 Training and performance in team sports

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Zemkova, E. [Slovakia]
Schulz, H. [Germany]

CP-PM04-1
EFFECTS OF A PRE-SEASON PREPARATION ON ANTHROPOMETRIC AND PHYSICAL CAPACITIES IN A TOP-LEVEL MALE GERMAN HANDBALL TEAM
Brochhagen, J. et al [Germany]

CP-PM04-2
THE INFLUENCE OF VOLLEYBALL SPECIFIC REPEATED JUMPS ON LOWER BODY NEUROMUSCULAR FUNCTION AND BILATERAL ASYMMETRY
McManus, C. et al [United Kingdom]

CP-PM04-3
PERFORMANCE OF FEMALE RINK HOCKEY PLAYERS
Stephan, H. et al [Germany]

CP-PM04-4
EFFECT OF ADDITIONAL CONCURRENT SPECIFIC STRENGTH AND REPEATED SPRINT TRAINING DURING PRESEASON ON PERFORMANCE IN FUTSAL PLAYERS
Phongsri, K. et al [Thailand]

CP-PM04-5
AGE RELATED AND TRAINING INDUCED CHANGES IN SOMATOTYPE COMPONENTS OF YOUTH ELITE MALE SOCCER PLAYERS
Androulakis, N. et al [Greece]

CP-PM04-6
CHANGES IN BODY COMPOSITION AND PERFORMANCE IN ADOLESCENT AMERICAN FOOTBALL PLAYERS FOLLOWING THREE WEEKS OF DETRAINING
Gavanda, S. et al [Germany]

CP-PM04-7
INFRASPINATUS MUSCLE THICKNESS BILATERAL DIFFERENCE IN BASEBALL PITCHERS AND OTHER ATHLETES
Tanimoto, M. et al [Japan]

CP-BN05 Kinematic analyses in biomechanics

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Holmberg, H. [Sweden]
Hopkins, W. [Australia]

CP-BN05-1
STUDY OF SPRINT-ASSISTED TRAINING FOR SWIMMERS
TANAKA, T. et al [Japan]

CP-BN05-2
THE INFLUENCE DEGREE OF RELEASE PARAMETERS ON BALL ARRIVAL POSITION IN BASKETBALL SHOOTING
Nakano, N. et al [Japan]

CP-BN05-3
THE ANALYSIS OF MECHANISM TO INCREASE ENERGY OF PELVIS IN BASEBALL PITCHING
Arata, K. et al [Japan]

CP-BN05-4
KINEMATIC ANALYSIS OF BASEBALL PITCHING MOTION WITH THE DIFFERENT RANGES OF MOTION IN NON-PITCHING ARM JOINTS
Ueda, A. et al [Japan]

CP-BN05-5
DIFFERENCES BETWEEEN MOTION ANALYSIS SYSTEMS IN CALCULATING KNEE ANGLE IN ELITE RACE WALKING
Hanley, B. et al [United Kingdom]

CP-BN05-6
CORRELATION OF PADDLING POWER OUTPUT WITH KINEMATICS IN ELITE ABLE-BODIED FLATWATER KAYAKERS AND ELITE PARA-KAYAKERS
Bjerkefors, A. et al [Sweden]

CP-PM06 Lifestyle, physical activity and health

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Thiel, C. [Germany]
Abel, T. [Germany]

CP-PM06-1
EXCESSIVE PHYSICAL ACTIVITY AND MORTALITY RISK: A META-ANALYSIS
Blond, K. et al [Denmark]

CP-PM06-2
CAN A PEDOMETER INTERVENTION REDUCE SEDENTARY BEHAVIOR IN OLDER ADULTS?
Swartz, A. et al [United States]

CP-PM06-3
PHYSICAL ACTIVITY IN WORKPLACE-SETTINGS: PRELIMINARY RESULTS OF TRISEARCH
Rudolf, K. et al [Germany]

CP-PM06-4
BARRIERS TO HEALTHY LIFESTYLE IMPLEMENTATION AND CONDITIONS TO OVERCOME THEM FOR WOMEN IN FITNESS: CASE STUDY
Cuprika, A. et al [Latvia]

CP-PM06-5
THE ROLE OF PHYSICAL ACTIVITY IN THE ASSOCIATION OF SCREEN-BASED MEDIA USE AND HEALTH-RELATED QUALITY OF LIFE IN CHILDREN AND ADOLESCENTS
Thomandl, L. et al [Germany]

CP-PM06-6
PHYSICAL AND PSYCHOLOGICAL EFFECTS OF LIGHT FOOT EXERCISE: A PILOT STUDY FOR AN EXERCISE SYSTEM TO IMPROVE PERFORMANCE OF ADL
Hosono, M. et al [Japan]

CP-PM06-7
A WEB PLATFORM TO PROMOTE HEALTHY BEHAVIOURS AMONG YOUNG ADULTS: USAGE DATA AND REASONS FOR NON-USAGE
Stassen, G. et al [Germany]

CP-PM06-8
'AESTHETIC DOPING": USE OF OIL INJECTIONS FOR BODY CONSTRUCTION AMONG BRAZILIAN BODYBUILDERS
Santos, A. et al [Brazil]

CP-PM06-9
USING A SOCIAL MEDIA PLATFORM TO PROMOTE PHYSICAL ACITIVTY OF ADULTS: A RANDOMIZED CONTROLLED TRIAL
Grieben, C. et al [Germany]

CP-PM07 Ageing

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Wagenmakers, A. [United Kingdom]

CP-PM07-1
THE EFFECTS OF URSOLIC ACID AS AN EXERCISE PILL FOR ANTI-AGING
Kim, S. [Korea, South]

CP-PM07-2
EFFECTS OF A 12-WEEK MULTICOMPONENT EXERCISE INTERVENTION ON EXECUTIVE FUNCTIONS AND EPISODIC MEMORY IN HEALTHY ELDERLY: A PILOT STUDY
Stroehlein, J.K. et al [Germany]

CP-PM07-3
PHENOTYPE PROFILE OF FUNCTIONAL CAPACITY AMONG COMMUNITY-DWELLING ELDERLY WOMEN AGED 60 YEARS AND OLDER FROM THREE DIFFERENT COUNTRIES
Bui, H.T. et al [Canada]

CP-PM07-4
RUNNING AT 'PACE WITH A SMILE' AND AT LACTATE THRESHOLD IN ELDERLY PEOPLE
Sakamoto, M. [Japan]

CP-PM07-5
IMPROVEMENT OF PHYSICAL FITNESS LEVELS IN HEALTHY ELDERLY PEOPLE LIVING IN RURAL JAPANESE AREAS
UEKI, S. et al [Japan]

CP-PM07-6
HEALTH CONDITION, LIFESTYLE AND COGNITIVE FUNCTION CLASSIFIED BY EXERCISE BEHAVIOR AMONG COMMUNITY-DWELLING OLDER PEOPLE IN NORTHERN JAPAN
Sasaki, H. et al [Japan]

CP-PM07-7
EFFECTS OF WHOLE BODY VIBRATION ON COGNITION AND MOTOR FUNCTION IN AGED RATS
Tóth, K. et al [Hungary]

CP-PM07-8
EFFECT OF CHRONIC ACTIVE AND PASSIVE EXERCISE FOR PSYCHOMOTOR AND COGNITIVE FUNCTIONS IN SENESCENT RATS
Tímea, T. et al [Hungary]

CP-BN06 Balance and proprioception

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Baudry, S. [Belgium]
Donath, L. [Switzerland]

CP-BN06-1
EVALUATION OF BIOFEEDBACK BALANCE PLATFORM TRAINING OVER 6 MONTHS
Schiff, M. et al [Germany]

CP-BN06-2
THE EFFECT OF STATIC AND DYNAMIC STRETCHING ON KNEE JOINT PROPRIOCEPTION AND STRENGTH
Walsh, G. [United Kingdom]

CP-BN06-3
ANKLE INVERSION DISCRIMINATION WHEN WEARING DANCING OR EVERYDAY SHOES IN PRESCHOOL RECREATIONAL DANCERS
Lu, L. et al [China]

CP-BN06-4
THE INFLUENCE OF HEARING LOSS ON POSTURAL, CERVICAL ROM AND NECK EMG PARAMETERS
Thomas, E. et al [Italy]

CP-BN06-5
EFFECTS OF THERAPEUTIC EXERCISE ON PAIN, RANGE OF MOTION, STRENGTH AND BALANCE IN A PATIENT WITH ANTERIOR ANKLE IMPINGEMENT: A CASE STUDY
Lee, S.A. et al [Korea, South]

CP-BN06-6
EVALUATION OF BALANCE BY THE STABILOMETRY OF BRAZILIAN JIU JIUTSU ATHLETES BEFORE AND AFTER FIGHTS
Eduardo, A. et al [Brazil]

CP-BN06-7
EFFECT OF CROSS-TAPING OF PLANTAR CALLUSES ON DYNAMIC AND STATIC BALANCE IN SOCCER PLAYERS
Kim, S.J. et al [Korea, South]

CP-BN06-8
EFFECTS OF THE USE OF SEMI-RIGID ANKLE STABILIZERS IN VERTICAL JUMP IN VOLLEYBALL ATHLETES
Reys, F. et al [Brazil]

CP-BN06-9
DIFFERENCE IN UNILATERAL POSTURAL STABILITY BETWEEN THE FUNCTIONALLY DOMINANT AND NON-DOMINANT LIMB OF MALE COLLEGE BASKETBALL PLAYERS
Ondra, L. et al [Czech Republic]

CP-BN06-10
ACCURACY OF PEDOPED INSOLE FORCE-SENSORS FOR THE QUANTIFICATION OF RUNNING-RELATED PARAMETERS
Seiberl, W. et al [Germany]

CP-PM10 Strength training

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Granacher, U. [Germany]
Bogdanis, G. [Greece]

CP-PM10-1
ACUTE EXERCISE-ASSOCIATED SKIN SURFACE TEMPERATURE CHANGES AFTER STRENGTH TRAINING WITH DIFFERENT EXERCISE INTENSITIES
Weigert, M. et al [Germany]

CP-PM10-2
EFFICACY OF 12 WEEKS OF COMBINED ENDURANCE AND RESISTANCE TRAINING AMONG WOMEN WITH MULTIPLE SCLEROSIS
Correale, L. et al [Italy]

CP-PM10-3
THE EFFECT OF A THREE MONTH, LOW-WEIGHT-HIGH- REPETITIONS EXERCISE PROGRAM ON PHYSICAL FITNESS AND BODY COMPOSITION IN ADULT WOMEN
Giannaki, C. et al [Cyprus]

CP-PM10-4
COMPARISON OF THE RECOVERY RESPONSE FROM HIGH INTENSITY AND HIGH VOLUME RESISTANCE EXERCISE IN TRAINED MEN.
Bartolomei, S. [United States]

CP-PM10-5
BIOMECHANICAL MUSCLE PHYSIOLOGY – MUSCLE QUALITY AND ITS INFLUENCE ON STRENGTH CAPACITY IN SPINE AND THIGH MUSCLES
Inhuber, S. et al [Germany]

CP-PM10-6
LIVER FUNCTIONS AND HORMONES LEVEL IN KUWAIT RECREATIONAL BODYBUILDING ANABOLIC-ANDROGENIC STEROID ABUSERS
Yousef, H. et al [Kuwait]

CP-PM10-7
GREATER INCREASE IN MUSCLE MASS AND IN TYPE I-FIBRE NUMBER AFTER QUADRICEPS STRENGTH TRAINING WITH ECCENTRIC OVERLOAD DURING REHABILITATION AFTER ACL-RECONSTRUCTION
Profit, F. et al [Germany]

CP-PM10-8
THE EVALUATION OF BALANCE, FLEXIBILITY AND EXPLOSIVE STRENGTH IN ELITE REFEREES AND ASSISTANT REFEREES
Angin, E. et al [Cyprus]

Saturday, July 8th, 2017

13:00 - 14:00

CP-SH01 Physical education

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Grimminger-Seidensticker, E. [Germany]

CP-SH01-1
INVESTIGATION OF THE JOB SATISFACTION AND CREATIVITY LEVELS OF PHYSICAL EDUCATION AND SPORTS TEACHERS
Tekin, M. et al [Turkey]

CP-SH01-2
ANALYSIS OF LIFE HISTORY INTERVIEWS OF TWO WOMEN PHYSICAL EDUCATION TEACHERS IN KOREA: 1960~2000
CHO, M. [Korea, South]

CP-SH01-3
THE EFFECTIVENESS OF AN EXPERIENTIAL LEARNING PROGRAM TO PROMOTE STUDENTS' TEAM BUILDING IN UNIVERSITY PHYSICAL EDUCATION
TAKANASHI, M. et al [Japan]

CP-SH01-4
A STUDY ON THE CHARACTERISTICS OF SCHOOL PHYSICAL EDUCATION IN ZAMBIA
Yokota, C. et al [Japan]

CP-SH01-5
CONTENT STANDARDS' ANALYSIS AND INSPIRATION OF NATIONAL PHYSICAL EDUCATION HIGH SCHOOL LEVEL CURRICULUM IN THE UNITED STATE
Zhang, J. et al [China]

CP-SH01-6
DEVELOPMENT OF BADMINTON TEACHING ASSISTANT APP AND ITS EFFECTIVENESS IN PHYSICAL EDUCATION
Lin, K.C. et al [Taiwan]

CP-SH01-7
PERCEPTION OF EXPRESSIVE BODY MOVEMENTS BY INDIVIDUALS WITH AUTISM SPECTRUM DISORDER
Sevdalis, V. et al [Germany]

CP-SH02 Health and fitness in children and adolescents

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Krusche, T. [Germany]

CP-SH02-1
RELATIONSHIPS AMONG WEIGHT PERCEPTION, DIET AND EXERCISE BEHAVIORS AND PHYSICAL FITNESS IN KOREAN ELEMENTARY SCHOOL STUDENTS
Jung, A.R. et al [Korea, South]

CP-SH02-2
GENDER DIFFERENCES IN DEVELOPMENT OF THE CHILDREN'S MOTOR ABILITY AND PARENTAL COGNITION OF ACTIVE PLAY
Takeda, N. [Japan]

CP-SH02-3
TWO-WEEKS OF SPRINT INTERVAL TRAINING IMPROVES IVE ATTENTION IN UNIVERSITY STUDENTS
Medeiros, A.R. et al [Brazil]

CP-SH02-4
THE EFFECTS OF EIGHT WEEKS PHYSICAL EXERCISES WITH MUSIC ON THE TEST ANXIETY OF ELEMENTARY SCHOOL GIRL'S STUDENTS
Safavi Hamami, S. [Iran]

CP-SH02-5
BENEFITS OF YOGA ON MENTAL AND PHYSICAL HEALTH: A 13-WEEK STUDY ON REQUIRED PHYSICAL EDUCATION CLASSES AT CHINESE UNIVERSITY OF HONG KONG
Hon, S. [Hong Kong]

CP-SH02-6
RESULTS OF A SOCCER TEACHING PROGRAM INTENDED TO HELP STUDENTS IMPROVE AND ACQUIRE KNOWLEDGE OF PHYSICAL FITNESS
Tsuda, R. [Japan]

CP-SH02-7
THE TIME SPENT ON PHYSICAL ACTIVITY BY PRE-SCHOOL CHILDREN ON WEEKENDS -COMPARISON BETWEEN ACTIVE AND INACTIVE CHILDREN-
Ishizawa, J. et al [Japan]

CP-SH02-8
STUDENTS' LEARNING EFFECTS OF IMPLEMENTING DIFFERENCE CHARACTER EDUCATION STRATEGIES FOR UNIVERSITY PHYSICAL EDUCATION COURSES
Pan, Y.H. et al [Taiwan]

CP-PM01 Game analysis

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Winter, C. [Germany]

CP-PM01-1
THE RELATIONSHIP AMONG THE ASSIST POSITION, THE ATTACKING STRATEGY AND SHOOTING AREAS IN SUPER BASKETBALL LEAGUE OF TAIWAN
Lan, Y.C. et al [Taiwan]

CP-PM01-2
ANALYSIS OF GAME ACTIONS IN PROFESSIONAL MALE PADEL.
Mellado, O. et al [Spain]

CP-PM01-3
MARKERS OF SUCCESSFUL FOOTBALL MATCH PLAY AT THE UEFA EURO 2016
Zaizafoun, F. et al [Germany]

CP-PM01-4
RELATIONS BETWEEN MEN'S EFFICIENCY IN BLOCK AND ATTACK AND THEIR WEIGHT AND HEIGHT IN POOL B OF EUROPEAN VOLLEYBALL CHAMPIONSHIP 2015
Stamm, R. et al [Estonia]

CP-PM01-5
QUANTIFYING TEAM SYNCHRONIZATION BY TRANSFER ENTROPY IN SOCCER GAMES
Tanaka, T. et al [Japan]

CP-PM01-6
IDENTIFYING THE KEY PERFORMANCE INDICATORS IN PHYSICAL AND TECHNICAL RELATED SITUATIONAL VARIABLES IN 2012 CHINA SUPER LEAGUE
Gai, Y. [Spain]

CP-PM01-7
EXPLORING THE EFFECT OF DIFFERENT OPPONENTS AND MATCHES ON PERFORMANCE INDICATOR OF INDIVIDUALS IN TABLE TENNIS - A CASE STUDY
Chuang, K.L. et al [Taiwan]

CP-PM01-8
EFFECT OF COMPETITIVE LEVEL AND POINT DIFFERENCE IN GAME ON THE SHARING
Sugimoto, R. et al [Japan]

CP-BN01 Muscle-Tendon function and running

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Raiteri, B. [Germany]

CP-BN01-1
RELATIONSHIP BETWEEN SPEED CHANGE AND SUBJECTIVE EFFORT FOR TOP-LEVEL HIGH-SCHOOL 400-M HURDLE RUNNERS
Yusuke, O. [Japan]

CP-BN01-2
FUNCTIONAL SWING-SUPPORT LEG STRENGTH EXERCISES FOR SPRINT RUNNERS
KIJIMA, K. et al [Japan]

CP-BN01-3
DOES FOOT STRIKE PATTERN DURING SHUTTLE RUNNING CHANGE WITH RUNNING PACE?
Takeshita, T. et al [Japan]

CP-BN01-4
EFFECT OF DIFFERENT TRAINING METHODS ON 100 M SPRINT PERFORMANCES
Cetin, E. et al [Turkey]

CP-BN01-5
MECHANICAL PROPERTIES ON QUADRICEPS FEMORIS MUSCLES AND PATELLAR TENDON UNDER THE ISOMETRIC KNEE EXTENSION
Tanaka, S. et al [Japan]

CP-BN01-6
LANDING IMPACT FORCE AND LEG STIFFNESS ASYMMETRY WITH CHANGES IN HEIGHT
Wang, L.I. et al [Taiwan]

CP-BN01-7
STRUCTURAL MUSCLE CHARACTERISTICS IN MUSCLE CONTRACTION UNDER TRANSVERSE LOADING
Ryan, D. et al [Canada]

CP-BN01-8
THE EFFECT OF WEIGHT BEARING AND KNEE ANGLE ON TENSION OF THE POPLITEUS MUSCLE.
Yagi, M. et al [Japan]

CP-BN02 Sports technology

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Fett, J. [Germany]
Hohmann, A. [Germany]

CP-BN02-1
DEVELOPMENT AND EVALUATION OF A MARKER MODEL FOR KINEMATIC COMPARISON OF THE TENNIS SERVE VELOCITY – A CASE STUDY
Vuong, J. et al [Germany]

CP-BN02-2
THE APPLICATION OF A KINEMATIC GPS DEVICE TO THE ANALYSIS OF AERODYNAMIC FORCE DURING SKI JUMPING
Tsunoda, K. [Japan]

CP-BN02-3
QUANTIFYING FRONT-CRAWL AND OPEN-WATER SWIMMING STROKES USING THREE INERTIAL SENSORS
Baba, Y. et al [Japan]

CP-BN02-4
A MODERN INDUCTIVE BASED POOL EDGE WARNING-SYSTEM FOR SAFE TURNS IN PARALYMPIC SWIMMING
Wippich, A. et al [Germany]

CP-BN02-5
EVALUATION OF THE MOTION CHARACTERISTICS OF PERSONAL WATER CRAFT AND EXERCISE STRESS OF RIDER IN JET SPORTS USING ACCELEROMETER AND ELECTROMYOGRAPHY
Toshiyuki, O. et al [Japan]

CP-BN02-6
ASSESSMENT OF SHOULDER FLEXION IN THE SAGITTAL PLANE FOR THE DESIGN OF AN EXO-SKELETON
Argubi-Wollesen, A. et al [Germany]

CP-BN02-7
EFFICACY OF A NOVEL SHOE INSOLE ON PLANTAR PRESSURE DURING RUNNING
Sukdolak, C. et al [Austria]

CP-PM02 Strength and power

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Paoli, A. [Italy]
Raastad, T. [Norway]

CP-PM02-1
EFFECT OF 16 WEEKS OF CROSSFIT TRAINING ON BOTH SEX ADULTS MORPHOFUNTIONAL RESPONSE
Martins, AP. et al [Brazil]

CP-PM02-2
LONG-TERM RESPONSES TO SHORT REST INTERVALS IN HIGH-LOAD RESISTANCE TRAINING
Fusi, J. et al [Italy]

CP-PM02-3
EFFECT OF A STRENGTH TRAINING METHOD CHARACTERIZED BY A DECREMENTAL NUMBER OF REPETITIONS ACROSS SETS AND A VERY SHORT REST INTERVAL
Stragier, S. et al [Belgium]

CP-PM02-4
IS THERE AN OPTIMAL LOAD FOR FORCE PRODUCTION IN THE STRAIGHT BAR DEADLIFT: FORCE-TIME CHARACTERISTICS IN STRENGTH TRAINED ADULTS
Lawson, C. et al [United Kingdom]

CP-PM02-5
EFFECT OF POST-ACTIVATION POTENTIATION INDUCED BY ONE, TWO OR THREE HALF-SQUATS ON REPEATED SPRINT ACCELERATION PERFORMANCE
Goebel, R. et al [Qatar]

CP-PM02-6
THE EFFECTS OF RESISTANCE TRAINING ON SWIMMING PERFORMANCE AND TECHNICAL PARAMETERS
Crowley, E. et al [Ireland]

CP-PM02-7
WHAT IS APPROPRIATE UPPER BODY POWER TEST FOR COMPETITIVE SWIMMERS?
Takeda, M. et al [Japan]

CP-PM02-8
DOES DECEIVE STRENGTH TRAINING PRACTITIONERS CAN IMPROVE PERFORMANCE?
Motoyama, Y. et al [Brazil]

CP-PM02-9
EFFECT OF BETA-HYDROXY-BETA-METHYLBUTYRATE SUPPLEMENT ON GROWTH HORMONE AND MYOSTATIN RESPONSE FOLLOWING LOW INTENSITY RESISTANCE EXERCISE WITH PARTIAL BLOOD FLOW RESTRICTION
KIM, SH. et al [Korea, South]

CP-PM03 Endurance training and testing

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Hartmann, U. [Germany]
Wiewelhove, T. [Germany]

CP-PM03-1
THE EFFECT OF TRAINING INTENSITY ON MAXIMAL FAT OXIDATION RATE
Zacharogiannis, E. et al [Greece]

CP-PM03-2
COMPARISON OF ISOCALORIC ENDURANCE EXERCISE METHODS AND THE IMPACT ON EXCESS POST-EXERCISE OXYGEN CONSUMPTION
Haibel, C. et al [Austria]

CP-PM03-3
SHORT DURATION OF SPORT SPECIFIC HIGH INTENSITY INTERVAL TRAINING IMPROVED ANAEROBIC PERFORMANCE SIMILAR AS SUPRAMAXIMAL HIGH-INTENSITY INTERVAL TRAINING IN YOUNG MALE ATHLETES
Chaipatpreecha, N. et al [Thailand]

CP-PM03-4
EFFECTS OF TWO TYPES OF REPEATED CYCLING SPRINT TRAINING IN HYPOXIA ON SEA LEVEL RUNNING AND CYCLING PERFORMANCE
Gatterer, H. et al [Austria]

CP-PM03-5
STEP DURATION, LACTATE PERFORMANCE CURVE AND LACTATE THRESHOLDS IN TREADMILL RUNNING
Krämer, K. et al [Germany]

CP-PM03-6
A COMPARISON OF THE PHYSIOLOGICAL STRESS IN A MULTI STAGE STEP TEST WITH TWO DIFFERENT EXERCISE PROTOCOLS
Baumgärtel, L. et al [Germany]

CP-PM03-7
COMPARISON OF THREE DIFFERENT EXERCISE TEST PROTOCOLS FOR TRAIL RUNNERS
Ramme, K. et al [Germany]

CP-PM03-8
VALIDITY AND RELIABILITY OF THE MODIFIED SHUTTLE WALK TEST IN OLDER ADULTS
Horton, E. et al [United Kingdom]

CP-PM08 Energy metabolism

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Gaffney, C. [United Kingdom]
Oertzen-Hagemann, V. [Germany]

CP-PM08-1
THE EFFECT OF RUNNING SPEED IMMEDIATELY BEFORE SPEED UP ON OXYGEN UPTAKE KINETICS DURING SUBSEQUENT HEAVY INTENSITY RUNNING
Migita, T. [Japan]

CP-PM08-2
EFFECTS OF SPRINT INTERVAL TRAINING COMBINED WITH INSPIRATORY MUSCLE RECOVERY ON AEROBIC CAPACITY AND EXERCISE TOLERANCE
Cheng, C.F. et al [Taiwan]

CP-PM08-3
EFFECT OF HYPEROXIA ON STATIC MUSCULAR ENDURANCE
Kojima, Y. et al [Japan]

CP-PM08-4
VO2PEAK DURING DECREMENTAL LOAD EXERCISE: A COMPARISON OF DIFFERENT RATES OF DECREASE IN LOAD
Pattison, J. et al [United Kingdom]

CP-PM08-5
ACUTE HIGH-INTENSITY INTERVAL EXERCISE ENHANCES FAT OXIDATION AND ATTENUATES POSTPRANDIAL INSULIN CONCENTRATION IN HEALTHY MEN
Lee, C.L. et al [Taiwan]

CP-PM08-6
ENERGY EXPENDITURE IN YOUNG CHILDREN DURING ACTIVE VIRTUAL REALITY SOCCER PLAY
Lee, D.T. et al [Korea, South]

CP-PM08-7
CHANGES IN ENERGY COST AND MECHANICAL WORK DURING WALKING IN ELDERLY AND YOUNG SUBJECTS, OBSERVED AFTER BED REST AND FOLLOWING PHYSICAL TRAINING
Floreani, M. et al [Italy]

CP-PM08-8
IMPACT OF STRENGTH AND ENDURANCE VARIABLES ON THE PHYSIOLOGICAL DEMANDS OF FIREFIGHTING IN DIFFERENT ENVIRONMENTS
Windisch, S. et al [Germany]

CP-PM08-9
INFLUENCE OF ENERGY RESTRICTION AND MODERATE INTENSITY EXERSISE TRAINING ON SERUM BETA-AMINOISOBUTYRIC ACID
Ishihara, M. et al [Japan]

CP-PM09 Biochemistry and nutrition

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
Venzke, J. [Germany]

CP-PM09-1
PLASMA IL-6 AND LIPIDS IN MALE100-KM ULTRA-MARATHONERS
CHIU, Y.H. et al [Taiwan]

CP-PM09-2
EFFECTS OF EXERCISE TRAINING ON ANTIOXIDANT ACTIVITY AND GENE EXPRESSION IN RAT HIPPOCAMPUS
Fusi, J. et al [Italy]

CP-PM09-3
THE DIFFERENCE OF THE ORDER OF CONCURRENT TRAINING ON MUSCLE HYPERTROPHY AND METABOLISM
Shirai, T. et al [Japan]

CP-PM09-4
DIURNAL VARIATION OF THE POSTEXERCISE URINE LACTATE CONCENTRATION
Mougios, V. et al [Greece]

CP-PM09-5
URINE SPECIFIC GRAVITY, WATER INTAKE AND SUBJECTIVE FEELINGS OF ADOLESCENT STUDENT-ATHLETES OVER THREE CONSECUTIVE DAYS
Aphamis, G. et al [Cyprus]

CP-PM09-6
THE EFFECTS OF MONTMORENCY TART CHERRY JUICE SUPPLEMENTATION ON FAT OXIDATION DURING FATMAX EXERCISE AND CARDIO-METABOLIC MARKERS AT REST
Desai, T. et al [United Kingdom]

CP-PM09-7
LOW-DOSE OF CAFFEINE IMPROVES INTERMITTENT CYCLING PERFORMANCE IN HOT AND HUMID ENVIRONMENTS
NAKAMURA, D. [Japan]

CP-PM09-8
EFFECTS OF PROTEIN INTAKE DURING A 10-DAYS MILITARY EXERCISE WITH ENERGY DEFICIT ON MUSCULAR PERFORMANCE
Øfsteng, S. et al [Norway]

CP-PM11 Muscle physiology and repair

LECTURE ROOM: GROUND LEVEL/WEST
Chair(s):
McPhee, J. [United Kingdom]
Breen, L. [United Kingdom]

CP-PM11-1
INFLUENCE OF RESISTANCE TRAINING INTENSITY ON MUSCLE SWELLING IN HEALTHY YOUNG MEN
Hirono, T. et al [Japan]

CP-PM11-2
DOES WHOLE BODY CRYOTHERAPY IMPROVE MUSCLE RECOVERY AFTER DAMAGING ECCENTRIC EXERCISE
Rose, C. et al [Australia]

CP-PM11-3
EFFECTS OF RECOVERY WITH COMPRESSION GARMENTS ON POWER PERFORMANCE AND PERCEIVED MUSCLE SORENESS AFTER A STRENGTH TRAINING WORKOUT
Arlegui, L. et al [Sweden]

CP-PM11-4
THE EFFECT OF REPEATED BOUTS ON SARCOLEMMAL PERMEABILITY AND MUSCLE FORCE PRODUCTION AFTER ECCENTRIC CONTRACTIONS IN RAT SKELETAL MUSCLE
Hayao, K. et al [Japan]

CP-PM11-5
HINDLIMB SUSPENSION DEPRESSES MUSCLE SATELLITE CELLS FUNCTION.
Ota, Y. et al [Japan]

CP-PM11-6
THE EFFECT OF HIGH INTENSITY INTERVAL TRAINING ON HEAT SHOCK PROTEINS EXPRESSION IN TENDON
Wang, D.C. et al [Taiwan]

CP-PM11-7
EFFECT OF LONG-TERM RESISTANCE TRAINING AND PROTEIN SUPPLEMENTATION ON INTRAMYOCELLULAR LIPID CONTENT IN HEALTHY YOUNG SUBJECTS
Katamoto, Y. et al [Japan]

CP-PM11-8
THE EFFECT OF ISOKINETIC RESISTANCE LOAD ON GLYCOLYSIS RATE
Nitzsche, N. et al [Germany]

CP-PM11-9
EFFECTS OF THE OLYMPIC MATCH SCHEDULE ON FOOTBALL PERFORMANCE, HEART RATE VARIABILITY, AND PHYSICAL CONDITION.
NAKAMURA, M. [Japan]

CP-PM11-10
OXIDATIVE METABOLISM DURING A WHEELCHAIR PROPULSION TEST IN PATIENTS WITH SPINAL CORD INJURY: EFFECTS OF LESION LEVEL
Biasutti, L. et al [Italy]

Adapted Physical Activity

EP-UD01-1
RELATIONSHIP BETWEEN SELF-REPORTED PHYSICAL ACTIVITY FROM THE HEALTH BEHAVIOUR IN SCHOOL-AGED CHILDREN INSTRUMENT AND OBJECTIVE DAILY STEPS IN CHILDREN
Okazaki, K. et al [Japan]

EP-UD01-2
ACUTE EFFECT OF AEROBIC EXERCISE WITH COGNITIVE STIMULATION ON MEMORY AND SERUM BDNF CONCETRATION IN THE ELDERLY
Barros, J. et al [Brazil]

EP-UD01-3
COMPARATIVE ANALYSIS OF THE CAPACITY OF MOTOR COORDINATION IN CHILDREN WITH HEARING DEFICIENCY
Silva, A. et al [Brazil]

EP-UD01-4
IMPACT OF SEDENTARY TIME WITH DECREASING CHRONIC KIDNEY FUNCTION ON DISABILITY IN COMMUNITY-DWELLING JAPANESE OLDER ADULTS: 4-YEAR PROSPECTIVE COHORT STUDY
Lee, S. [Japan]

EP-UD01-5
RELATIONSHIP BETWEEN THE SUBJECTIVE EFFORT AND THE OBJECTIVE PERFORMANCE IN SMASH ON BADMINTON-IN A CASE OF PARA-BADMINTON PLAYERS IN JAPAN-
KANEKO, M. et al [Japan]

EP-UD01-6
VALIDATION OF A GERMAN VERSION OF THE CHILDREN'S ATTITUDES TOWARDS INTEGRATED PHYSICAL EDUCATION-REVISED QUESTIONNAIRE
Hoos, O. et al [Germany]

EP-UD01-7
EFFECT ON THE ATTITUDE OF PEERS TOWARDS CHILDREN WITH AUTISM BY INTEGRATION BASKETBALL
Hou, X. et al [China]

Biomechanics

EP-UD01-1
CORRELATION BETWEEN ELECTROMYOGRAPHY AND METABOLIC VARIABLES OF WALKING IN CHRONIC HEART FAILURE AND HEART TRANSPLANT PATIENTS
Bona, R.L. et al [Uruguay]

EP-UD01-2
BIOMECHANICAL ANALYSIS OF GAIT IN ACTIVE OLDER ADULTS
Aires, A. et al [Brazil]

EP-UD01-3
EXTERNAL FORCES IN LONG STRETCH FRONT EXERCISE OF PILATES PERFORMED IN REFORMER
Bonezi, A. et al [Uruguay]

EP-UD01-4
A BIOMECHANICAL ANALYSIS OF INSTEP SHOOTING IN WOMEN SOCCER PLAYERS
JIN, Y. [Korea, South]

EP-UD01-5
THE BODY SWAY AND STABILITY WHILE PERFORMING 7 CORE MUSCLES MOVEMENTS FOR ATHLETES WITH MILD LOWER BACK PAIN
Lo, C.L. et al [Taiwan]

EP-UD01-6
MUSCLE ACTIVITY DURING RHYTHMIC EXERCISE WITH A BALANCE BALL
NAKAMURA, M. [Japan]

EP-UD01-7
SYNCHRONIZATION BETWEEN BEAT AND BASIC RHYTHMIC MOVEMENT IN HIP-HOP DANCE
Sato, N. et al [Japan]

EP-UD01-8
MOTION ANALYSIS OF SINGLE-LEG ECCENTRIC DECLINE SQUATS ON A DECLINE BOARD
Mitani, Y. et al [Japan]

EP-UD01-9
CHANGES IN FUNCTION OF TENDON TISSUE IN RESPONSE TO CONTINUOUS STRETCHING OF THE MUSCLE-TENDON COMPLEX
Soma, Y. et al [Japan]

EP-UD01-10
RELATIONSHIP BETWEEN TRUNK KINEMATICS AND STEP WIDTH DURING PITCHING MOTION IN ADOLESCENT BASEBALL PLAYERS
TANAKA, M. [Japan]

EP-UD01-11
INDIVIDUAL SCRUMMAGING PERFORMANCE IS NOT REDUCED FOLLOWING A SIMULATED RUGBY UNION MATCH
Green, A. et al [South Africa]

EP-UD01-12
SPECIFICITY OF RANGE OF MOTION IN ISOKINETIC STRENGTH TRAINING
Inada, T. et al [Japan]

EP-UD01-13
METHOD OF THE STABILOGRAM ANALYSIS FOR RESEACH OF THE BALANCE STABILITY IN SPORT
Angelov, V. et al [Bulgaria]

EP-UD01-14
VARIABILITY IN STRENGTH EXERCISE WITH ROTATIONAL INERTIA DEVICE UNDER DIFFERENT LEVELS OF CONSTRAINTS
Fernández-Valdés, B. et al [Spain]

EP-UD01-15
THE RELATIONSHIP BETWEEN MUSCULAR STRENGTH ASYMMETRIES AND FORCE PRODUCTION ASYMMETRIES AMONG SOCCER PLAYERS
Misjuk, M. et al [Estonia]

EP-UD01-16
THE ACUTE EFFECT OF AEROBIC EXERCISE WITH COGNITIVE INTERFERENCE ON BALANCE DUAL-TASK PERFORMANCE
Moreira-Umaña, J. et al [Costa Rica]

EP-UD01-17
FLEXOR HALLUCIS LONGUS MUSCLE ELECTROMECHANICAL ACTIVITY DURING DIFFERENT WALKING TASKS- PRELIMINARY RESULTS
Péter, A. et al [Finland]

EP-UD01-18
MECHANICAL PROPERTIES OF GASTROCNEMIUS MUSCLE AND ACHILLES TENDON IN PLANTER FLEXION
Yokozawa, S. et al [Japan]

EP-UD01-19
A COMPARISON OF JOINT ANGLES ACCORDING TO DIFFERENCES IN THREE-DIMENSIONAL MOTION ANALYSIS TECHNIQUES
Sato, K. et al [Japan]

EP-UD01-20
SYNERGY OF LEG MUSCLES IN YOUNG AND ELDERLY WOMEN DURING CYCLICAL MOVEMENT
Rutkowska-Kucharska, A. et al [Poland]

Coaching

EP-UD01-1
A STUDY OF HIGH INTENSITY RUNNING OF SIDE BACK SOCCER PLAYERS DURING GAMES.
SATO, H. et al [Japan]

EP-UD01-2
TRADITIONAL CHINESE MEDICINE AND OLYMPIC GAMES
Jianhua, Y. [China]

EP-UD01-3
DIFFERENCE IN COGNITIVE STRUCTURE OF TEAM TACTICS BETWEEN FEMALE AND MALE FOOTBALL PLAYERS
HASEGAWA, N. [Japan]

Health and Fitness

EP-UD01-1
THE AVAILABILITY OF STRETCHING EXERCISE WITH NORDIC POLES FOR FALL PREVENTION ON ELDERLY PEOPLE
Tabata, S. et al [Japan]

EP-UD01-2
PREVALENCE OF OVERWEIGHT AND OBESITY IN VOLUNTEERS OF A PRIMARY HEALTH CARE CENTERS IN THE CITY OF GOIANIA/BRAZIL
Vieira, C. et al [Brazil]

EP-UD01-3
PEAK TORQUE AND TOTAL WORK RECOVERY FOLLOWING BENCH PRESS TRAINING IN TRAINED MEN
Gentil, P. et al [Brazil]

EP-UD01-4
TRAINING EFFCT DURING THE MIDNIGHTSUN PERIOD IN DIFFERENT CHRONOTYPES
Weydahl, A. [Norway]

EP-UD01-5
IMPACT OF THE HIGH PHYSICAL LOAD EXERCISES ON HEALTH STATUS OF MILITARY PERSONNEL
Plavina, L. [Latvia]

EP-UD01-6
AMETROPIA/VISUAL DEFICITS IN COMPETITIVE SPORTS – AN UP-TO-DATE STOCK TAKING
Jendrusch, G. et al [Germany]

EP-UD01-7
BONE MINERAL DENSITY IN PREPUBERTAL RHYTHMIC GYMNASTS ENTERING PUBERTY: ASSOCIATIONS WITH JUMPING PERFORMANCE AND BODY COMPOSITION PARAMETERS
Jürimäe, J. et al [Estonia]

EP-UD01-8
RELATIONSHIP BETWEEN INDEFINITE COMPLAINTS AND WEIGHT CONTROL IN EAST ASIAN FEMALE UNIVERSITY STUDENTS
Ikeda, T. et al [Japan]

EP-UD01-9
SURVEY OF MENTAL AND PHYSICAL STRESS IN BUSINESSPEOPLE USING SALIVA AMYLASE AND VAS
Nakajima, S. [Japan]

EP-UD01-10
STUDY ON THE PHYSICAL FITNESS OF FRESHMEN IN NANJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS IN THE 2016 SCHOOL YEAR
Yujun, L. [China]

EP-UD01-11
EFFECTS OF QIGONG EXERCISE ON COGNITIVE FUNCTION AND CARDIOVASCULAR FITNESS IN HEALTHY MIDDLE-AGED SUBJECTS
Ladawan, S. et al [Austria]

EP-UD01-12
CONSTRUCTION OF BODY FATNESS TRACKING EVALUATION CHART UNDER EARTHQUAKE ENVIRONMENT
Watanabe, T. et al [Japan]

EP-UD01-13
EFFECT OF SHORT-TERM LOW-INTENSITY STRENGTH EXERCISE WITH SKIN COOLING OVER WORKING MUSCLE ON NEUROMUSCULAR FUNCTION AND PHYSICAL FITNESS IN ELDERLY WOMEN
Naito, Y. et al [Japan]

EP-UD01-14
EFFECT OF 1-YEAR YOGA ON ADIPOKINE PROFILE IN CHINESE ADULTS WITH HIGH-NORMAL BLOOD PRESSURE AND METABOLIC SYNDROME
Supriya, R. et al [Hong Kong]

EP-UD01-15
OBESTATIN BUT NOT GHRELIN REVEALS THE DISTINCTIVE INTERACTION OF CENTRAL OBESITY WITH OTHER METABOLIC SYNDROME RISK FACTORS
UGWU, F.N. et al [Hong Kong]

EP-UD01-16
EFFECTS OF DANCE EXERGAMING ON WEIGHT CONTROL AND THE MARKERS OF METABOLIC SYNDROME IN OVER-WEIGHT AND OBESE ADULTS
Chang, W.H. et al [Taiwan]

EP-UD01-17
REPRESENTATIONS ABOUT PHYSICAL ACTIVITY AMONG FIREFIGHTERS. A STUDY IN WALLONIE.
Dubru, G. et al [Belgium]

EP-UD01-18
DIFFERENCE IN PHYSIOLOGICAL RESPONSES ON MUSCLE ACTIVITY AND OXYGEN UPTAKE BY TWO KINDS OF NORDIC WALKING IN COMMUNITY-DWELLING MIDDLE-AGED AND OLDER ADULTS
Fujita, E. et al [Japan]

EP-UD01-19
AGE-RELATED CHANGES AND GENDER DIFFERENCES IN PERFORMANCE OF LONG DISTANCE RUNNING COMPETITIONS
Wang, H.S. et al [Taiwan]

EP-UD01-20
EFFECT OF CLIMBING MT. FUJI ON DELAYED-ONSET MUSCLE SORENESS
TAMARI, Y. et al [Japan]

EP-UD01-21
EFFECT OF BADUANJIN ON POST-TRAINING PHYSICAL FUNCTION RECOVERY IN JUDO ATHLETES-A PILOT STUDY
Cai, L. et al [China]

EP-UD01-22
EFFECTS OF CIRCUIT RESISTANCE EXERCISE ON ADIPOKINES AND INSULIN RESISTANCE IN OBESE MIDDLE-AGED WOMEN
Seo, D. et al [Korea, South]

EP-UD01-23
KEEN ON SPORT AND POOR IN MOVEMENT
Spreckels, C. et al [Germany]

EP-UD01-24
THE EFFECT OF SOFT AND HARD SURFACE INTERVENTION ON GROUND REACTION FORCE OF DIFFERENT SLOPES IN THE ELDERLY
Lin, Y.C. et al [Taiwan]

EP-UD01-25
ASSOCIATION BETWEEN MUSCLE STRENGTH AND RISK OF FALLS IN OLDER WOMEN
Fonseca, A. et al [Brazil]

EP-UD01-26
PHYSICAL ACTIVITY POSITIVELY AFFECTS STRUCTURAL CONNECTIVITY OF THE BRAIN
Prats-Puig, A. et al [Spain]

EP-UD01-27
THE IMPACT OF AN ADDITIONAL LOAD OF 40 KG ON THE PHYSIOLOGICAL PERFORMANCE AND THE EFFECT ON THE VENTILATORY THRESHOLDS
Klughardt, S. [Germany]

EP-UD01-28
CHANGES IN PHYSICAL ACTIVITY OF OLDER PEOPLE IN DIFFERENT SEASONS OF THE YEAR
Król-Zielińska, M. et al [Poland]

EP-UD01-29
RELATIONSHIP OF PHYSICAL FITNESS WITH PHYSICAL ACTIVITY IN PRESCHOOL CHILDREN: A CROSS-SECTIONAL STUDY IN SHANGHAI
Chen, P. et al [China]

EP-UD01-30
CONSIDERATIONS ON FACTORS OF HIDDEN OBESITY IN YOUNG JAPANESE WOMEN.
Ohta, M. et al [Japan]

EP-UD01-31
HEALTH BEHAVIORAL FACTORS IN MODERN ADOLESCENTS IN RUSSIAN FEDERATION AND REPUBLIC KAZAKHSTAN
Fyodorov, A. et al [Russia]

EP-UD01-32
EIGHT MINUTES OF ISOMETRIC CONTRACTION IMPROVES HEMODYNAMIC PARAMETERS IN HYPERTENSIVE INDIVIDUALS
Olher, R.R, Soares, B.R.A, Ribeiro, T.B.A, Sousa, I.R.C, Rosa, T.S, Moraes, M.R. [Brazil]

History

EP-UD01-1
THE PECULIARITY OF THE BUDO AS PART OF THE PHYSICAL ARTS CULTURE : FOCUSING ON THE HISTORICAL EVOLUTION OF BUDO
TAI, K. [Japan]

Molecular Biology and Biochemistry

EP-UD01-1
EFFECTS OF ESTROGEN AND EXERCISE ON RYANODINE RECEPTOR EXPRESSION AND PHOSPHORYLATION
Zügel, M. et al [Germany]

EP-UD01-2
THE EFFECT OF EXERCISE TRAINING ON ADROPIN IN OBESE RATS
Hieda, M. et al [Japan]

EP-UD01-3
COMPARISON OF REFERENCE INTERVAL OF BLOOD INDICS BETWEEN SPORT BIOCHEIISTRY AND CLINICAL MEDICINE
Feng, B.X. et al [China]

Motor Learning and Motor control

EP-UD01-1
ACCURACY OF VERTICAL JUMPS TO SPECIFIC HEIGHTS IN BASKETBALL
Struzik, A. et al [Poland]

EP-UD01-2
P300 POTENTIAL INDUCED BY BADMINTON SMASH RECEIVE VIDEO CLIP
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Straškilová, K. et al [Czech Republic]

EP-UD01-34
PERFORMANCE DOES NOT DIFFER BETWEEN OFFICIAL AND SIMULATED ARCHERY COMPETITIONS
Monzoni, R. et al [Italy]

e-Poster

1080 Motion AB [Sweden]

1080 Sprint is portable resistance training and testing device for sprints, skating, swimming and change direction movements. It uses intelligent variable resistance technology to provide a very smooth and controllable resistance. It measures power, force, speed and acceleration with high accuracy.
http://www.1080motion.com

Activinsights Ltd [United Kingdom]

Since 2008, Activinsights have used lifestyle insight from wearables and connected devices to support healthcare services in over 40 countries around the world. Our technologies and data analysis approaches are supported by over 100 peer-reviewed scientific papers. Activinsights manufacture in England and is a privately held company based in Cambridgeshire.
http://www.activinsights.com

AMTI [USA]

AMTI's multi-axis force platforms and instrumented treadmills provide accurate, repeatable force data for many different sports science studies. These six-component force measuring systems have high measuring sensitivity, a wide dynamic range, excellent repeatability, and unsurpassed accuracy. Configurations include floor mounted, portable, dual force platform treadmills, instrumented stairs, and more.
http://www.amti.biz

Artinis Medical Systems B.V. [The Netherlands]

Artinis Medical Systems is a Dutch innovative company producing near infrared spectroscopy equipment (NIRS) to measure both brain and muscle tissue saturation oxygenation levels. We have a range of products, from 48 channel flexible, fast and sensitive laboratory equipment like the OXYMON to small and wireless instruments like the PortaMon and the PortaLite. The latter ones have the size of cell phone and can be used inside and outside. They are not only popular with researchers, they are being used more and more by (Olympic) athletes to optimize their training protocols!
http://www.artinis.com

BIOPAC Systems, Inc. [USA]

Physiological data acquisition amplifiers, transducers, software—NEW MP160 System, NEW smart BioNomadix BioShirt, the wireless, wearable BioNomadix Logger, BioNomadix Wireless Transmitter-Receiver Amplifiers. Mobita wireless biopotential system with 32 channels of high fidelity data. fNIR optical brain imaging. Synchronize Eye Tracking and Physiological data with new Mobile and Portable Eye Tracking solutions.
http://www.biopac.com

BTS Bioengineering [Italy]

BTS Bioengineering develops and produces innovative technologies to improving the quality of everybody life. We praise a thirty years long experience in motion analysis for Physical Medicine, Sports Science, Sports and Human Performance, Biomechanics and Gait/Orthopaedics.
Our products provide the starting point for sport improvement, performance enhancement and injury recovery.
http://www.btsbioengineering.com/

Bundesinstitut für Sportwissenschaft (BISp) [Germany]

BISp is responsible for supporting and optimizing top level sports by:

- initiating, promoting and coordinating research in the field of top level sport
- identifying, evaluating and transferring scientific results into top level sport
- consulting the Federal Ministry of the Interior in the area of sport policy
- providing information on current sport science literature and research projects

http://www.bisp.de

CamNtech Ltd. [United Kingdom]

Actiheart is one of the most widely used research tools for determining energy expenditure in free living. This miniature wearable device uses a branched model to Determine Activity Energy Expenditure in Kcals and METS, helping the data to be more readily interpreted and compared. Visit the CamNtech stand for more information.
http://www.camntech.com/

CareFusion Germany 234 GmbH [Germany]

With over 60 years' experience CareFusion's Respiratory Diagnostics division is active in over 120 countries and headquartered in Germany and USA. With over 500 employees at Carefusion RDx, we strive to continue the rich tradition of supplying reliable, professional and accessible cardiopulmonary diagnostic devices and services such as the JEGER Oxygen Mobile or the JAEGER Vyntus CPX.
http://www.carefusion.co.uk

Catapult Sports Pty Ltd [United Kingdom]

Catapult empowers elite coaches globally with scientifically-validated metrics for the advancement of athlete performance. Catapult engineers wearable technology that provides objective information behind athlete risk, readiness and return to play. The company was born out of the Australian Institute of Sport (AIS) and a scientific research organization and provides an all-encompassing solution with research-based insights in to athlete management.
http://catapultsports.com/

Checkmylevel [Finland]

Checkmylevel provides an exact assessment of your recovery and readiness enabling you to optimize training and recovery. The method is especially useful for sports requiring peed strength skill and coordination but also works great with endurance sports. With Checkmylevel you have real-time information on the recovery status of your nerves and muscles, helping you to avoid overtraining syndrome and reduce injuries.
http://www.checkmylevel.com

Contemplas GmbH [Germany]

CONTEMPLAS GmbH, with its headquarter in Kempten/Germany, develops and distributes worldwide software solutions for gait, posture and general motion analysis in the medical and sports market.
The CONTEMPLAS motion analysis software TEMPLO offers the possibility to do analysis in different fields of applications, as Clinical Gait Analysis, 2D/3D Posture Analysis, Running Analysis, etc.
With the easy data acquisition and integration of other systems in the analysis process, such as EMG and pressure/force measuring systems, TEMPLO becomes an essential tool in the field of sport, medicine and science.
User- friendliness and dedicated analysis protocols based on the integration of the latest video technology help you while performing your analyses.
http://www.contemplas.com

CORTEX Biophysik GmbH [Germany]

As world market leader in mobile Cardiopulmonary Exercise Testing systems CORTEX is pleased to present to you at the ECSS comprehensive information about professional athletes' performance diagnostics. Our diagnostic systems allow our customers to obtain precise measurement results in the areas of: performance diagnostics, training evaluation, prevention, therapy and rehabilitation.
http://www.cortex-medical.com

COSMED S.r.l. [Italy]

With more than 30 years of experience in the Sport Science & Human Performance field, COSMED designs, manufactures and sells worldwide solutions for Cardiopulmonary, Metabolic and Body Composition assessment.

COSMED boasts a complete range of products for the measurement of Pulmonary Gas Exchange during exercise and at rest, including the brand new K5 (http://www.cosmed.com/wearit), the 4th generation of the World's best selling metabolic system for field and laboratory testing. COSMED advanced diagnostic equipment includes also the Quark CPET, a fully-featured and highly accurate metabolic cart, and the Fitmate PRO, a desktop device for a new approach to CPET and REE testing.
COSMED is also the provider of the BOD POD, the practical Gold Standard solution, based on air displacement plethysmography technology, for the measurement of body composition in adults and children.
http://www.cosmed.com

Delsys Inc. [USA]

Delsys, being at the forefront of innovative developments in electromyography (EMG) for more than 20-years, have established the foundation for unmatched signal quality, consistency and reliability. Both the Delsys Trigno wireless technology and ground breaking surface decomposition EMG technology (dEMG) are demonstrations of unrivalled, empirically led solutions in assisting the research community.
http://www.delsys.com

ECSS Dublin 2018 [Ireland]

On behalf of University College Dublin and Ulster University, we would like to extend a warm welcome to join us at the 23rd Annual Congress of the ECSS in Dublin, Ireland, from the 4th - 7th July, 2018. The conference will take place right in the heart of the city at the newly built and inspirational Convention Centre overlooking the River Liffey, surrounded by all the amenities this dynamic city has to offer. We are confident that you will find the multidisciplinary academic programme, delivered by some of the leading exponents and thinkers in our field, invigorating and enjoyable, arising as it does from the combined expertise of University College Dublin (Centre for Sports Studies; Institute for Sport and Health) and Ulster University School of Sport. Our congress theme is "Sport Science at the Cutting Edge" and we aim to provide every opportunity for delegates to learn from, and contribute to the latest developments in Sports and Exercise science in a stimulating social and professional setting. See you in Dublin 2018
http://www.ecss-congress.eu/2018

Exelio Srl [Italy]

EXELIO is the Italian company that develops GPEXE®, the tracking system that grants elite sport technical staff to analyze the physical performance of the athletes through high technology wearables. In its products, the company provides with scientific rigor the most innovative metrics implementing metabolic and muscular analysis of the performance.
http://www.gpexe.com

Firstbeat Technologies Ltd. [Finland]

Firstbeat is the leading provider of physiological analytics for sports, fitness, performance and wellbeing. Firstbeat facilitates better training optimization, reduces injury risks, and helps fast-track player development. Over 700 elite sports teams in top leagues around the world rely on Firstbeat to take the guesswork out of coaching decisions.
http://firstbeat.com

Gait Up SA [Switzerland]

Combining smart sensors and biomechanics, Gait Up provides objective motion analysis solutions for Sports and Health with wearables that rival accuracy of legacy motion labs.
Based on inertial sensors called Physilog®, we propose motion analysis software for different applications including Running Analysis, Gait Analysis, Physical Activity monitoring,...
Our technology differs from usual wearables by providing products with research-grade reliability, drift-free accuracy, auto-calibration convenience, and robust customization to specific applications.
http://www.gaitup.com

h/p/cosmos sports & medical GmbH [Germany]

Through the long history of more than 25 years in producing running-machines, h/p/cosmos has become THE treadmill specialist for sports, true medical (MDD) and oversize treadmills. h/p/cosmos produces a range of running machine systems from robust, reliable and MDD-certified machines to oversize machines for wheelchair athletes, cyclists and skiers.
There are over 100 different models which include unweighting systems, safety systems, software solutions and other patented support solutions.
http://www.h-p-cosmos.com/en

Human Kinetics Europe Ltd [United Kingdom]

Human Kinetics is committed to providing quality informational and educational products in physical activity and health fields. Our customers include students who study physical activity and health issues, professionals who apply sport, physical activity and health knowledge in delivering useful services, and the public who engage in fitness and sports activities in many forms.
http://www.humankinetics.com/

HUR [Finland]

HUR is a world leading vendor of intelligent exercise equipment and performance testing products. In Essen we are introducing our brand new exercise equipment solutions with automated Power and Intensity measurement. All data is automatically gathered during a regular workout session and stored in our cloud based HUR SmartTouch system for easy but comprehensive analysis and reporting. HUR is also a manufacturer of balance and jump testing platforms with versatile analysis software. Please visit us at the exhibition for a demonstration.
http://www.hur.fi

InBody [Germany]

InBody is one of the global leaders in body composition analysis. Thousands of fitness, medical and research professionals, in over 70 countries around the world, are using InBodys analyzers.
In less than one minute the InBody precisely estimates the amounts of e.g. muscle mass, fat mass, water and lean mass and fat in each body segment. InBodys results are highly correlated with gold standard methods like DEXA.
http://www.inbody.com

Journal of Sport and Health Science (JSHS) [China]

Launched in May 2012,
SCI/SSCI IF: 1.685
Editors-in-chief: Pei-Jie Chen (China); Walter Herzog (Canada)
Office locate: Shanghai, China
Publisher: Elsevier
JSHS on SD: http://www.sciencedirect.com/science/journal/20952546
http://www.jshs.org.cn

Kistler Instrumente AG [Switzerland]

Kistler force plates were first introduced in 1969 and have consistently proved their worth as precise, reliable measuring instruments.
The unique piezoelectric measuring system offers numerous advantages and makes Kistler force plates a cost effective investment for biomechanical laboratories. Longevity, high accuracy, linearity and sensitivity provide reliable and reproducible results.
http://www.kistler.com/biomechanics

Lode B.V. [The Netherlands]

Lode is renowned as a manufacturer of high quality ergometers.
The Lode brand stands for accuacy, durability and ergonomic design.

The Lode product range varies from bicycle ergometers and treadmills to recumbent, arm and supine ergometers and ergometry software.
http://www.lode.nl

MDT Int'l s.a. [Switzerland]

MDT Int'l SA is dedicated fully to the development of medical devices based on Hyaluronic Acid in a number of specialized therapeutic areas such as orthopedics and sports medicine (musculoskeletal).
Established in Geneva, Switzerland, since 2007, we continuously cater to the market by providing customers with a portfolio of innovative and quality patented medical devices, and we pride ourselves in being creative and pro-active in new concepts and approaches.
http://www.mdtsa.ch/

Medicap Homecare GmbH [Germany]

Medicap was founded in 1981 in Ulrichstein/Germany. Medicap's product portfolio today consists of certified medical devices like oxygen concentrators, oxygen conserving devices, IPPB devices and optical transcutaneous oximetry devices/tcpO2 for the field of vascular medicine, Diabetology, angiology and wound therapy.
https://www.medicap.de/english/

MICROGATE SRL [Italy]

Microgate works in four fields: Professional Training, Training & Sport, Medical Rehab and Engineering.
In Training field the main products are: OptoJump Next (Run and Jump analysis), Gyko (inertial measurement tool for the analysis of the movement of any body segment), Witty Timer and WittySEM (smart indicator for training for reactivity, agility, motor-cognitive abilities)
http://www.microgate.it

Monark Exercise AB [Sweden]

The new generation of Monark bikes is developed with the cyclist in mind.
With a perfect position, modern force and open source connect ability it offers models for any situation within Sports & Medical area.
http://www.monarkexercise.se

Moticon GmbH [Germany]

Moticon develops, manufactures, and distributes fully integrated sensor insoles and software for analyzing human foot dynamics. The senor insole have unique characteristics such as its wireless design, the outstanding ease of use and its high data quality.
http://www.moticon.de

movisens GmbH [Germany]

movisense combines expertise in the mobile sensing of psychological and physiological data to provide research grade tools for ambulatory assassment.
http://www.movisens.com/en/

myon AG [Switzerland]

myon offers wireless, very small and lightweight sensors that are very easy to use and still perfectly fulfill the high measurement standards required by international scientific societies. These are EMG sensors and inertial measurement units (IMUs, including a 3-axial gyroscope, accelerometer and magnetometer) as well as foot switches. Through use of a constant and low latency transmission, you can measure in real time and synchronise with other systems.
http://www.myon.ch

PAL Technologies Ltd [Scotland, UK]

PAL Technologies´ award winning activPAL™ is the researcher´s preferred choice for quantifying free-living sedentary, upright and ambulatory activities, providing the evidence to link sedentary behaviors to chronic disease risk. PAL´s Activator™ provides researchers with real-time feedback on sedentary behavior and physical activity, allowing dynamic behavioral interventions to be delivered.
http://www.paltechnologies.com

PhysioFlow / Manatec Biomedical [France]

PhysioFlow® is a unique range of non-invasive hemodynamic monitors that perform the most accurate and validated continuous measurements of cardiac output in the world, even at max exercise. Some of our systems are wireless and portable. The combination of advanced miniaturized hardware and software enables new applications in the lab and for the first time in the field, for trainers and exercise physiologists.
http://www.physioflow.com

PHYSIOMED ELEKTROMEDIZIN AG [Germany]

We offer high-quality products for physical and biomechanical diagnostics and therapy forms based upon state of the art technology. Our mission is to realise innovative solutions with the objective of perfecting therapeutic work and to develop new groundbreaking approaches to therapy and diagnostics.
http://www.physiomed.de

Podo Medi Netherlands B.V. [The Netherlands]

Podo Medi is specialized in health management via vitamins and interesting products. Effectivity of health in sports is our vision.
http://www.podomedi.com/

POWERbreathe International Ltd [United Kingdom]

POWERbreathe International Ltd (United Kingdom)
POWERbreathe is the World s #1 provider of breathing training devices. For nearly 20-years, POWERbreathe has been the breathing training device of choice for experts in the field of Human Performance and in Health & Medical. POWERbreathe Inspiratory Muscle Training (IMT) devices include the Worlds 1st Intelligent Digital Breathing Trainers, with an independent, International, 6 Nation, Clinical Medical Research study endorsing these as Gold Standard devices.
www.powerbreathe.com POWERbreathe Altitude & Environmental Systems (United Kingdom)
POWERbreathe Altitude & Environmental Systems (PBAES) provide the most comprehensive range of simulated altitude and environmental condition devices in the market place. The innovative, affordable and extensive range of inflatable modular rooms, includes an exclusive, bespoke design for the h/p/cosmos Saturn, Venus and other models of treadmills. Bespoke systems available on request.
http://www.powerbreathe.com

RBM elektronik-automation GmbH [Germany]

The Cyclus2 is an innovative state-of-the-art cycling ergometer packed with electronic and IT solutions, comprising of standardized performance tests, isokinetic mode, lateral oscillation, and training- and programming applications. Due to its versatility, functionality and user-friendliness it is used by sports scientists, high performance centres, coaches and top-class cyclists worldwide.
http://www.cyclus2.com/en/home.htm

Realtrack Systems [Spain]

Wimu Pro is the most advanced professional sports performance tracking system for use indoors and outdoors. Real time performance data is available on pitch-side tablets & raw data available post session/post-match for investigative and historical evaluation. Equipped with multiple sensors and the latest intel processors, Wimu Pro is fast and reliable, easy to install and already used by leading organisations, research facilities, sports science and sports medicine teams around the globe.
http://www.realtracksystems.com

Renew Health Limited [Ireland]

Renew ECP Therapy uses compression of the calves, thighs & buttocks in time with certain stages of the cardiac cycle. The result is significantly enhanced blood flow throughout the body. Early data from research with elite athletes shows great potential as both an acute recovery, and long-term performance enhancement modality.
http://renewhealthlimited.com/

Routledge Taylor & Francis Group [United Kingdom]

As a leading publisher in the field of Sports and Leisure, Routledge proudly offers a wealth of highly-cited journal content and primary research. Routledge journals dominate the Hospitality, Leisure, Sport and Tourism category of the Social Sciences Citation Index® as well as hosting a prestigious book publishing program. Discover more on Routledge Journals at http://explore.tandfonline.com/sport
And Routledge books at http://www.routledge.com/sport
http://www.tandfonline.com/tejs

S. Karger AG [Switzerland]

Karger Publishers is a leading international publisher of books and journals in basic and clinical sciences. During the ECSS we are pleased to present the latest publications in the book series 'Medicine and Sport Science' (www.karger.com/MSS) and a wide range of related publications.
http://www.karger.com/

Simi Reality Motion Systems GmbH [Germany]

Simi systems are high-speed camera based systems using state of the art industrial image processing technology. Our mission is to develop high end image based movement analysis technology with a clear focus on the user friendliness and new technology algorithms with focus on a start of the art markerless motion tracking.
http://www.simi.com

SRM - Schoberer Rad Meßtechnik GmbH [Germany]

The SRM High Performance Ergometer with integrated SRM Training System level of sports performance measurement to the laboratory or university setting. Each SRM ErgoMeter is tested, calibrated and certified for protocol measurements with data accuracy with less than 0.5% error.
http://www.srm.de

TMG-BMC d.o.o. [Slovenia]

TMG provides relevant information about muscle contractile properties in an objective, selective and non-invasive way. It gives insights into: muscle composition, muscle functional characteristics, local muscle fatigue, atrophy, muscle inhibition, spasticity, tonus, and more. High repeatability enables long term monitoring of acute and chronic changes in muscle function.
http://www.tmg.si

UCAM University [Spain]

UCAM University promotes sports and physical activity science. We provide to our students the opportunity their sports modality at all levels. UCAM provides high reputated masters in the field of sports such as High Performance Sports: Strength and conditioning, MBA Sport Management and Physical conditioning and rehabilitation in soccer.
http://www.sportsmanagement.ucam.edu/

Velamed GmbH, Qualisys AB, Bertec Corp. [Germany]

Velamed GmbH was founded in 2005 as a medical distribution company in Cologne, Germany. As European distributor for biomechanical measuring systems the key company competence is to equip laboratories with biomechanical measurement solutions combined with qualified product and planning consultancy.
Velamed is distributor for Noraxon EMG and sensor systems, Qualisys optical Motion Capture systems and Bertec instrumented treadmills and force plates. For further information please see:
www.noraxon.com
www.qualisys.com
www.bertec.com
http://www.velamed.com

Vicon Motion Systems Ltd. [United Kingdom]

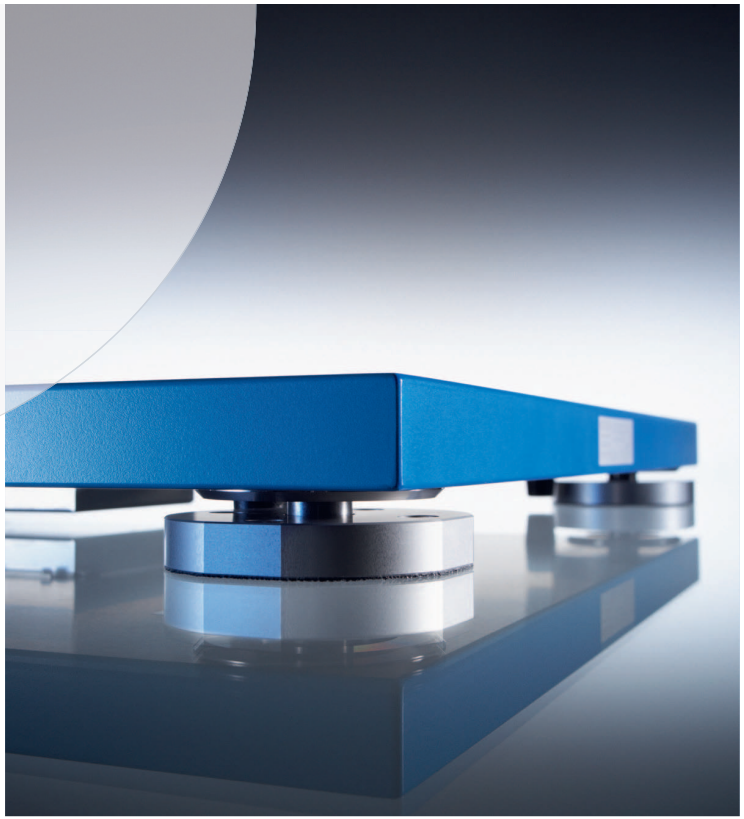
Vicon delivers 3D movement analysis systems in sports training and research department's worldwide. Its flagship camera line, the Vantage, offers the highest resolution, frame rates and accuracy available, allowing detailed motion capture in almost any environment. Vero is Vicon's next generation camera, combining size, power, and price performance into one amazing solution.
https://www.vicon.com

Wisepress Ltd [United Kingdom]

Wisepress.com, Europe's leading conference bookseller, attend around 200 conferences every year. We have an extensive range of books and journals relevant to the themes of this conference available at our booth. We also have a comprehensive range of STM titles available on our online bookshop. Follow us on Twitter @WisepressBooks.
http://www.wisepress.com

Woodway GmbH [Germany]

WOODWAY treadmills are specifically requested by professional sports teams, medical & rehabilitation facilities and high-usage fitness facilities worldwide because of their patented design that provides a superior running surface for users, owners and operators.With scientific accuracy, great ride feel and fully adjustable setup, the WATTBIKE is the world's most advanced indoor training bike.
http://www.woodway.de



Kistler delivers unique solutions for dynamic force measurement with maximum precision

How to understand human movement? How to improve performance?
Coaches, physiotherapists and kinesiologists seek the answers to these questions. We can help to find them.
Kistler force measurement systems capture highly dynamic forces with maximum precision and provide key performance indicators. This is the basis to understanding and improving.
With over 50 years of experience, you can rely on our excellence in technology.
Our experts are at your service worldwide.

www.kistler.com/biomechanics

KISTLER
measure. analyze. innovate.

Your notes

Wednesday 5th July 2017

Time	Europa/West	Deutschland/South	Panorama/West	Berlin/West	Rheinland/South	New York/West
08:00	Opening of registration					
09:00 - 10:30	Satellite Symposia/Workshops/General Assembley (see page 15)					
10:30 - 12:00	Satellite Symposia/Workshops/General Assembley (see page 15)					
12:00 - 13:30 Orals	**OP-PM03** ENDURANCE AND PERFORMANCE	**OP-PM02** ASPETAR FOOTBALL SCIENCE AWARD	**OP-PM61** CARDIOVASCULAR EFFECTS OF EXERCISE	**OP-BN02** MUSCLE-TENDON FUNCTION	**OP-PM60** STROKE AND PARKINSON DISEASES	**OP-PM05** PARALYMPICS
13:30 - 14:00	Break - Snack at exhibition hall 1A					
14:00 - 15:30 Orals	**OP-PM07** HYPOXIA AND ALTITUDE	**OP-PM01** GSSI NUTRITION AWARD	**OP-PM53** ANKLE AND ACL INJURIES	**OP-PM09** PERFORMANCE AND RECOVERY	**OP-PM39** HEALTH AND FITNESS IN CHILDREN AND ADOLESCENTS 1	**OP-BN04** NEUROPHYSIOLOGY
15:30 - 17:00 Invited & Orals	**IS-PM04** INDIVIDUALISATION IN RECOVERY SCIENCE	**OP-PM06** NUTRITION AND SUPPLEMENTS 1	**OP-PM04** GENOMICS, PROTEOMICS AND MUSCLE MOLECULAR BIOLOGY	**OP-PM10** HEALTH AND FITNESS IN CHILDREN AND ADOLESCENTS 2	**OP-PM11** COACHING: PERFORMANCE	**OP-BN03** BIOMECHANICS: COORDINATION AND RUNNING
17:00 - 17:15	Coffee break					
17:15 - 18:30	Plenary Session I - INDIVIDUALITY - SOCIAL AND PHYSIOLOGIC PERSPECTIVES FOR FITNESS AND HEALTH					
18:30 - 19:00	Industry awards					
19:00 - 20:00	Opening ceremony					
20:00 - 21:00	Opening Reception sponsored by City of Essen					

Wednesday 5th July 2017

Time	Mailand/West	Brüssel/West	L/South	M/South	N/South
12:00 - 13:30 Orals	**OP-BN09** MOVEMENT VARIABILITY	**OP-BN01** MOTOR CONTROL: SKILL ACQUISITION	**OP-PM16** TRAINING IN KINDERGARTEN AND SCHOOL	**OP-SH01** COGNITION AND WELLBEING	**OP-SH03** SPORT ORGANISATION AND POLITICS
14:00 - 15:30 Orals	**OP-BN07** BIOMECHANICS: SOCCER	**OP-PM17** COMBAT SPORTS	**OP-PM62** METHODS IN EXERCISE PHYSIOLOGY 1	**OP-SH02** HISTORY AND ETHICS	**OP-SH04** DETERMINANTS OF PA IN ADULTS
15:30 - 17:00 Invited & Orals	**OP-BN21** NEUROMUSCULAR FATIGUE	**OP-PM59** EFFECTS OF EXERCISE IN OBESITY	**IS-SH08** SERIOUS GAMES IN SPORT AND HEALTH – CHANCES AND CHALLENGES	**OP-SH05** PHYSICAL EDUCATION AND LEARNING	**OP-SH06** SPORT MANAGEMENT AND SOCIETY

Thursday 6th July 2017

Time	Europa/West	Deutschland/South	Panorama/West	Berlin/West	Rheinland/South	New York/West
08:00 - 09:30 Invited & Orals	**IS-PM03** TRAINING CHILDREN'S HEARTS	**IS-PM08** DIETARY NITRATE AS AN ERGOGENIC AID	**OP-PM08** ESSA – ECSS EXCHANGE:THERMOREGULATION	**IS-BN04** RESIDUAL FORCE ENHANCEMENT	**OP-PM18** COACHING OF ATHLETES	**OP-DTB1** DTB TENNIS AWARD 1
09:30 - 09:45	Coffee break					
09:45 - 11:15 Invited & Orals	**IS-EX02** JSPFSM-ECSS EXCHANGE SYMPOSIUM	**IS-SP01** NUTRITION FOR MUSCLE AND TENDON ADAPTATION - SPONSORED BY GSSI	**OP-PM12** ECCENTRIC EXCERCISE	**IS-BN06** NEW INSIGHTS IN BIOMECHANICS OF MUSCLE CONTRACTION	**OP-PM13** CARDIOVASCULAR PHYSIOLOGY	**OP-DTB2** DTB TENNIS AWARD 2
11:15 - 11:30	Break					
11:30 - 12:45	Plenary Session II - DEVELOPMENT OF TALENTED PLAYERS TO WORLD CHAMPIONS IN FOOTBALL					
12:45 - 14:00	Lunch break / **Boothtalk at h/p/cosmos booth No 4**: the NEW instrumented treadmill for 3D force measurement and other special high-performance treadmills (exhibition hall 1A)					
13:00 - 14:00 Print posters I	**13:00 CONVENTIONAL PRINT POSTER SESSIONS** IN GROUND LEVEL-WEST	**CP-SH05** SPORT MANAGEMENT	**CP-PM05** TRAINING AND TESTING IN VARIOUS SPORTS 1	**CP-PM12** CARDIOVASCULAR PHYSIOLOGY	**CP-PM13** MUSCLE INJURIES AND DAMAGE	**CP-PM14** INTERNAL MEDICINE
14:00 - 15:00 Mini - Orals A	**MO-PM01** CLINICAL ASPECTS OF HEALTH AND FITNESS	**MO-PM03** NUTRITION AND SUPPLEMENTS	**MO-PM02** TRAINING AND TESTING: ENDURANCE	**MO-BN01** NEUROPHYSIOLOGY AND MOTOR LEARNING	**MO-PM06** TESTING, TRAINING AND RECOVERY	**MO-PM14** COACHING: PRACTICAL QUESTIONS
15:00 - 16:00 Mini - Orals B	**MO-PM25** EXERCISE AND TRAINING IN DISEASE	**MO-PM07** PERFORMANCE TESTING	**MO-PM04** INTERVAL TRAINING 1	**MO-PM05** COACHING AND TRAINING: MIXED SESSION	**MO-PM08** THERMOREGULATION AND RESPIRATION	**MO-PM19** AGEING AND NEUROFUNCTION
16:00 - 16:15	Coffee break					
16:15 - 17:45 Invited & Orals	**IS-PM10** STRATEGIES FOR OPTIMIZING ELITE ENDURANCE EXERCISE PERFORMANCE	**IS-PM05** HOT TOPICS IN ALTITUDE MEDICINE AND ALTITUDE TRAINING	**OP-PM14** BODY COMPOSITION	**OP-PM15** ENERGY METABOLISM AND HORMONES	**OP-PM20** INTERVAL TRAINING 2	**OP-BN06** FATIGUE
17:45 - 18:00	Break					
18:00 - 19:30 Invited & Orals	**IS-SP02** SPORTS ENGINEERING METHODS ... SPONSORED BY ADIDAS	**IS-PM01** THE ROLE OF THE SYSTEMIC AND LOCAL ENVIRONMENT IN SKELETAL MUSCLE ...	**OP-PM21** TALENT IDENTIFICATION AND DEVELOPMENT	**IS-BN03** MUSCLE-TENDON UNIT PROPERTIES AND RUNNING ECONOMY	**SIG-Nutr** SPECIAL INTEREST GROUP - SPORTS NUTRITION	**OP-PM22** STRENGTH TRAINING

Thursday 6th July 2017

Time	Mailand/West	Brüssel/West	L/South	M/South	N/South
08:00 - 09:30 Invited & Orals	**OP-BN05** INJURY PREVENTION	**OP-PM63** METHODS IN EXERCISE PHYSIOLOGY 2	**OP-PM40** TRAINING IN LEISURE SPORT	**OP-PM65** EFFECTS OF TRAINING: MIXED SESSION	**OP-SH07** EXPERIENCES IN SPORT
09:45 - 11:15 Invited & Orals	**OP-PM19** DEVELOPING YOUNG ATHLETES	**OP-PM64** TRAINING IN THE ELDERLY	**OP-PM41** OCCUPATIONAL ASPECTS OF HEALTH AND PHYSICAL ACTIVITY	**IS-SH01** LEVERAGING SPORT EVENTS FOR SPORT PARTICIPATION AND DEVELOPMENT	**OP-SH08** PERFORMANCE ANALYSIS
13:00 - 14:00 Print posters I	**CP-PM15** ORTHOPAEDICS AND REHABILITATION: MIXED SESSION	**CP-PM16** FEMALES, ELITE ATHLETES AND VIBRATI-ON: MIXED SESSION	**CP-PM17** VENTILATION, HYPOXIA, HEALTH AND FITNESS	**CP-PM18** BRAIN AND COGNITION	**CP-PM19** CHILDREN AND ADOLESCENTS
14:00 - 15:00 Mini - Orals A	**MO-PM15** SWIMMING AND CYCLING	**MO-PM23** FUNCTIONAL MOVEMENT AND INJURY PREVENTION	**MO-SH05** SOCIAL SCIENCES: MIXED SESSION	**MO-SH07** MENTAL HEALTH AND PSYCHOLOGICAL WELLBEING	**SIG-Elite** SPECIAL INTEREST GROUP - ELITE SPORT PERFORMANCE I
15:00 - 16:00 Mini - Orals B	**MO-PM28** REHABILITATION OF BACK AND SHOUL-DER	**MO-PM12** COACHING: TENNIS AND GOLF	**MO-SH06** PHYSICAL EDUCATION AND PEDAGO-GICS	**MO-PM31** ELBOW AND KNEE	**SIG-Elite** SPECIAL INTEREST GROUP - ELITE SPORT PERFORMANCE II
16:15 - 17:45 Invited & Orals	**OP-BN10** BIOMECHANICS: GAIT	**IS-BN09** MODALITIES OF INTERPERSONAL COOR-DINATION	**IS-SH02** STRESS REGULATION AND PHYSICAL ACTIVITY	**OP-SH09** SPORT EVENTS AND SOCIETY	
18:00 - 19:30 Invited & Orals	**OP-BN08** SPORT TECHNOLOGY	**OP-PM23** ACUTE EFFECTS OF HIT	**IS-SH03** GETTING THE MOVES: BODILY LEARNING IN THREE MOVEMENT CULTURES	**OP-SH10** CURRICULUM DEVELOPMENT	

Friday 7th July 2017

Time	Europa/West	Deutschland/South	Panorama/West	Berlin/West	Rheinland/South	New York/West
08:00 - 09:30 Invited & Orals	**IS-PM02** EXERCISE AND THE BRAIN	**OP-PM44** EFFECTS OF CAFFEINE, TYROSINE AND CREATINE ON PERFORMANCE	**IS-EX01** CSSS-ECSS EXCHANGE SYMPOSIUM: EXERCISE PERFORMANCE...	**IS-BN07** BIG DATA IN SPORTS	**OP-BN11** ADAPTATIONS OF THE MUSCLE-TENDON SYSTEM	**OP-PM24** TESTING IN GAME SPORTS
09:30 - 09:45	Coffee break					
09:45 - 11:15 Invited & Orals	**IS-SP03** ACHIEVING TOP PERFORMANCE... SPONSORED BY ASPETAR	**OP-PM52** NUTRITION AND SUPPLEMENTS 2	**IS-PM11** RESISTANCE TRAINING IN YOUTH ATHLETES	**IS-BN02** BRAIN AND NEUROMUSCULAR FUNCTION IN OLD AGE	**OP-PM27** INTERVENTIONS TO OPTIMIZE RECOVERY	**OP-PM26** SPORTS TECHNOLOGY: GAME SPORTS
11:15 - 11:30	Break					
11:30 - 12:45	Plenary Session III - INCLUSION IN SPORT					
12:45 - 14:00	Lunch break (exhibition hall 1A)					
13:00 - 14:00 Print posters II	**13:00 CONVENTIONAL PRINT POSTER SESSIONS** IN GROUND LEVEL-WEST	**CP-SH03** SPORT PSYCHOLOGY 1	**CP-SH04** SPORT PSYCHOLOGY 2	**CP-BN04** COORDINATION AND MOTOR CONTROL	**CP-BN03** NEUROMUSCULAR FUNCTION 1	**CP-PM04** TRAINING AND PERFORMANCE IN TEAM SPORTS
14:00 - 15:00 Mini - Orals - A	**MO-PM09** TRAINING AND TESTING: FOOTBALL	**MO-PM20** NUTRITION: MIXED SESSION	**MO-PM11** TRAINING AND TESTING IN VARIOUS SPORTS 2	**MO-PM21** INJURIES: RISK FACTORS, INCIDENCE AND PREVENTION	**MO-PM24** MOLECULAR BIOLOGY AND BIOCHEMISTRY	**MO-BN02** BIOMECHANICS: RUNNING, CUTTING AND JUMPING
15:00 - 16:00 Mini - Orals - B	**MO-PM16** TRAINING AND TESTING IN VARIOUS SPORTS 3	**MO-PM29** HYPOXIA AND BLOOD FLOW RESTRICTION 1	**MO-PM18** AGEING: BALANCE AND STABILITY	**MO-PM22** INJURIES IN THE LOWER LIMB	**MO-PM10** TRAINING AND TESTING: BASKETBALL AND RUGBY	**MO-PM13** COACHING: TEAM SPORTS
16:00 - 16:15	Coffee break					
16:15 - 17:45 Invited & Orals	**IS-PM06** FASCIA - AN EXTENSIVELY OVERLOOKED TISSUE	**IS-EX03** ACSM-ECSS EXCHANGE SYMPOSIUM	**OP-PM49** MOLECULAR BIOLOGY 1	**IS-BN05** VARIABILITY AND COORDINATION IN HUMAN MOVEMENT	**OP-PM28** PHYSIOLOGY AND TRAINING IN CYCLING	**OP-BN13** EXERCISE AND THE BRAIN
17:45 - 18:00	Break					
18:00 - 19:30 Invited & Orals	**IS-PM07** THE INDIVIDUAL HUMAN PHENOTYPE	**IS-PM13** MACRO AND MICRO VASCULAR DYSFUNCTION	**OP-PM51** NUTRITIONAL STATUS AND ANALYSIS	**IS-BN01** SPECIFICITY OF BALANCE AND BALANCE TRAINING	**OP-PM31** PACING IN CYCLING AND WINTER SPORTS	**OP-PM30** ATHLETIC TRAINING IN GAME SPORTS

Friday 7th July 2017

Time	Mailand/West	Brüssel/West	L/South	M/South	N/South
08:00 - 09:30 Invited & Orals	**OP-PM25** PERFORMANCE IN JUMPING AND SPRINTING	**OP-SH11** DEVELOPMENT OF YOUTH FOOTBALL PLAYERS	**IS-SH07** VOLITION IN SPORT AND PHYSICAL ACTIVITY	**OP-PM38** HEALTH AND PHYSICAL ACTIVITY IN DIFFERENT CONDITIONS	
09:45 - 11:15 Invited & Orals	**OP-BN12** BALANCE AND POSTURE	**OP-PM58** TRAINING AND EXERCISE IN CLINICAL POPULATIONS 1	**IS-SH05** DOPING PREVENTION – THE ROLE OF COACHES	**OP-SH12** FACTORS INFLUENCING PHYSICAL ACTIVITY	**OP-PM74** PHYSIOLOGY IN LONG DISTANCE SPORTS
13:00 - 14:00 Print posters II	**CP-BN05** KINEMATIC ANALYSES IN BIOMECHANICS	**CP-PM06** LIFESTYLE, PHYSICAL ACTIVITY AND HEALTH	**CP-PM07** AGEING	**CP-BN06** BALANCE AND PROPRIOCEPTION	**CP-PM10** STRENGTH TRAINING
14:00 - 15:00 Mini - Orals A	**MO-PM27** MUSCLE FUNCTION	**MO-PM26** TRAINING AND PERFORMANCE IN THE ELDERLY	**MO-SH01** HEALTH AND FITNESS IN CHILDREN	**MO-SH02** SPORTS IN SOCIETY: MIXED SESSION	
15:00 - 16:00 Mini - Orals B	**MO-PM17** OBESITY AND BONE: MIXED SESSION	**MO-PM30** ASSESSMENT AND PROMOTION OF PA	**MO-SH03** SPORT PSYCHOLOGY AND COGNITION	**MO-SH04** LEISURE ACTIVITY AND HEALTH	**MO-BN3** TECHNOLOGY AND METHODS
16:15 - 17:45 Invited & Orals	**OP-PM29** MONITORING TEAM SPORT ATHLETES	**OP-PM57** TRAINING AND EXERCISE IN CLINICAL POPULATIONS 2	**IS-SH06** HOW TO INTEGRATE PEDAGOGY OF HEALTH AND PHYSICAL EDUCATION...	**OP-SH13** ATHLETIC CAREER	**OP-PM70** RESPIRATION AND OXYGEN UPTAKE
18:00 - 19:30 Invited & Orals	**OP-BN14** PERFORMANCE ANALYSIS IN TEAM SPORTS	**OP-BN20** CORTICAL AND CORTICOSPINAL EXCITABILITY	**IS-SH04** PREVENTION OF SEXUAL HARASSMENT AND ABUSE IN SPORTS	**OP-SH14** SOCIAL FACTORS AND SPORT	**OP-PM69** METHODS IN EXERCISE PHYSIOLOGY 3

Saturday 8th July 2017

Time	Europa/West	Deutschland/South	Panorama/West	Berlin/West	Rheinland/South	New York/West
08:00 - 09:30 Invited & Orals	**IS-PM12** MUSCLE CARNITINE: THE KEY PLAYER IN MUSCLE FUEL SELECTION?	**IS-PM14** EXERCISE TESTING AND TRAINING IN CLINICAL POPULATIONS	**OP-PM37** TRAINING AND EXERCISE IN CLINICAL POPULATIONS 3	**IS-BN08** MUSCLE EMG ACTIVITIES IN SPORT SCIENCES	**OP-PM32** ENDURANCE PERFORMANCE TESTING	**IS-SH09** THE PSYCHOLOGY OF JUDGMENTS AND DECISION
09:30 - 09:45	Coffee break					
09:45 - 11:15 Invited & Orals	**OP-PM54** PHYSIOLOGY OF HIGH-INTENSITY EXERCISE AND TRAINING	**OP-PM50** PROTEINS AND CARBOHYDRATES	**OP-PM36** PHYSICAL ACTIVITY AND HEALTH PROMOTION	**OP-PM46** MOLECULAR BIOLOGY 2	**OP-PM48** BACK PAIN IN SPORTS	**OP-PM55** BOXING AND THE EYE: MIXED SESSION
11:15 - 11:30	Break					
11:30 - 12:45	Plenary Session IV - BACK PAIN - PREVENTION AND THERAPY IN THE MODERN SOCIETY					
12:45 - 14:00	Lunch break (Foyer West)					
13:00 - 14:00 Print posters III	**13:00 CONVENTIONAL PRINT POSTER SESSIONS** IN GROUND LEVEL-WEST	**CP-SH01** PHYSICAL EDUCATION	**CP-SH02** HEALTH AND FITNESS IN CHILDREN AND ADOLESCENTS	**CP-PM01** GAME ANALYSIS	**CP-BN01** MUSCLE-TENDON FUNCTION AND RUNNING	**CP-BN02** SPORTS TECHNOLOGY
14:00 - 15:30 Orals	**OP-PM43** HYPOXIA AND BLOOD FLOW RESTRICTION 2	**OP-PM45** FLUID AND BICARBONATE INTAKE	**OP-PM35** HEALTHY AGEING	**OP-PM47** MOLECULAR BIOLOGY 3	**OP-PM42** EXERCISE AND CANCER	**OP-PM34** ACUTE RESPONSES TO EXERCISE
15:30 - 16:45	YIA presentations					
16:45 -17:15	Presidential Lecture					
17:15 - 17:30	Break					
17:30 - 18:00	YIA Awards					
18:00 - 19:00	Closing ceremony					
20:00 - 03:00	Congress Party at Schöner Alfred (Delta Essen)					

Saturday 8th July 2017

Time	Mailand/West	Brüssel/West	L/South	M/South	N/South
08:00 - 09:30 Invited & Orals	**OP-BN15** MODELING SPORTS PERFORMANCE	**OP-PM56** SLEEP: THE GOOD AND THE BAD	**OP-PM33** FATIGUE AND PERFORMANCE	**OP-PM68** CEREBRAL BLOOD FLOW AND OXYGE-NATION	**OP-PM71** WINTERSPORTS, ATHLETICS, AND ROWING
09:45 - 11:15 Invited & Orals	**OP-BN16** BIOMECHANICS OF JUMPING	**OP-BN17** METHODS IN MUSCLE AND TENDON BIOMECHANICS	**OP-SH15** MENTAL FATIGUE AND RECOVERY		**OP-PM72** TOOLS AND TESTING IN SPORTS
13:00 - 14:00 Print posters III	**CP-PM02** STRENGTH AND POWER	**CP-PM03** ENDURANCE TRAINING AND TESTING	**CP-PM08** ENERGY METABOLISM	**CP-PM09** BIOCHEMISTRY AND NUTRITION	**CP-PM11** MUSCLE PHYSIOLOGY AND REPAIR
14:00 - 15:30 Invited & Orals	**OP-BN18** NEUROMUSCULAR ASPECTS OF STRENGTH	**OP-BN19** MUSCLE DAMAGE AND FOAM ROLLING	**OP-PM66** VASCULAR PHYSIOLOGY AND HEALTH	**OP-PM67** INJURY PREVALENCE AND PREVENTION IN TEAM SPORTS	**OP-PM73** METABOLISM IN DIFFERENT SPORTS

Your notes

ECSS METROPOLISRUHR 2017 CONGRESS EXHIBITORS

- 1080LAB
- Activ insights
- AMTI Force and Motion
- artinis medical systems
- BIOPAC Systems, Inc. Registered to ISO 9001:2008
- BTS Bioengineering
- Federal Institute of Sport Science
- cam tech
- CareFusion has joined BD
- catapult
- CHECKMYLEVEL
- CONTEMPLAS professional motion analysis software
- CORTEX
- COSMED The Metabolic Company
- DELSYS
- ECSS DUBLIN 2018
- GPEXE THE POWER TRACKER
- FIRSTBEAT
- Gaitup make sense of motion
- h/p/cosmos
- HUMAN KINETICS
- HUR For Lifelong Strength
- InBody
- Journal of Sport and Health Science
- redback biotek
- lode THE STANDARD IN ERGOMETRY
- MDT Int'l s.a.
- medicap homecare GmbH
- MICROGATE
- MONARK
- MOTIGON
- movisens
- myon SIMPLY WIRELESS
- PALtechnologies PROVIDING THE EVIDENCE
- PhysioFlow Hemodynamics Redefined™
- PHYSIOMED TECHNOLOGY FOR THERAPY
- podo medi netherlands B.V.
- POWER breathe ALTITUDE SYSTEMS
- CYCLUS 2
- wimu PRO
- renew Enhanced Circulation
- Routledge Taylor & Francis Group
- KARGER Medical and Scientific Publishers
- SIMI reality motion systems
- SRM
- TMG SCIENCE FOR BODY EVOLUTION.
- UCAM Universidad Católica de Murcia
- velamed SCIENCE IN MOTION
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