

11th annual Congress of the EUROPEAN COLLEGE OF SPORT SCIENCE

Lausanne – Switzerland, July 5th-8th, 2006

Hosted by: University of Bern, University of Lausanne, École Polytechnique Fédérale de Lausanne & the Swiss Society of Sports Medicine



ECSS LAUSANNE 06

FINAL PROGRAMME



Lausanne 2006 Institutional Partners



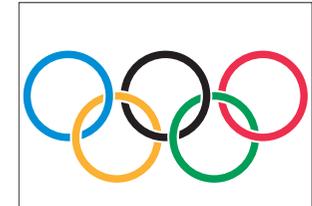
^b
**UNIVERSITÄT
BERN**

University of Bern



UNIL | Université de Lausanne

University of Lausanne

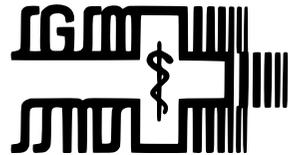


International Olympic Committee (IOC)



ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

Ecole Polytechnique Federale Lausanne (EPFL)



Swiss Society for Sports Medicine (SGSM)



ETAT DE VAUD

Canton de Vaud



Ville de Lausanne



FOSPO *Federal office of sports Magglingen*
BASPO *Bundesamt für Sport Magglingen*
OFSP *Office fédéral du sport Macolin*
UFSP *Ufficio federale dello sport Macolin*

BASPO

**11th annual Congress of the
EUROPEAN COLLEGE OF SPORT SCIENCE**

Lausanne – Switzerland
July 5th-8th, 2006



ECSS LAUSANNE 06

FINAL PROGRAMME

Hoppeler H., Reilly T., Tsolakidis E., Gfeller L., Klossner S.

Hosted by: University of Bern, University of Lausanne, École Polytechnique Fédérale de Lausanne
and the Swiss Society of Sports Medicine

Congress President

– Hans Hoppeler, CH

Congress Director

– Gérald Gremion, CH

Congress Manager:

– Rosemarie Repond, CH

ECSS Executive Board

– *President:* Erich Müller, AUT

– *President-Elect:* Albert Gollhofer, GER

– *Past President:* Michael Kjaer, DEN

– *General Secretary:* Hans Hoppeler, CH

– *Treasurer:* Sigmund Loland, NOR

ECSS Scientific Board

– *Chair:* Tom Reilly, UK

– Peter Bärtsch, GER

– Werner Helsen, BEL

– Paavo Komi, FIN

– Gertrud Pfister, DEN

– Anton Wagenmakers, UK

ECSS Scientific Committee

– Jan Cabri, POR

– Daniela Caporossi, ITA

– Flemming Dela, DEN

– Hans-Hermann Dickhuth, GER

– Joan Duda, UK

– Steve Harridge, UK

– Bente Klarlund-Pedersen, DEN

– Mike McNamee, UK

– Romain Meeusen, BEL

– Caroline Nicol, FRA

– Pekka Oja, FIN

– Hermann Schwameder, AUT

– Mark Williams, UK

Organizing Committee

– Theres Fleury, CH

– Martin Flück, CH

– Liliane Gfeller-Tüscher, CH

– Barbara Grünig, CH

– Jonas Jaeggi, CH

– Gerard King, GER

– Stephan Klossner, CH

– Florent Leuenberger, CH

– Elias Tsolakidis, GR

– Michael Vogt, CH

ECSS Congress

Lausanne 06 – Switzerland

welcom

The European College of Sport Science (ECSS) welcomes you to Lausanne for its 11th Annual Congress. Hosted by the University of Lausanne and Bern, École Polytechnique Fédérale de Lausanne and the Swiss Society of Sports Medicine the ECSS is delighted to stage this major event in the city of the Olympic Movement from July 5th-8th, 2006.

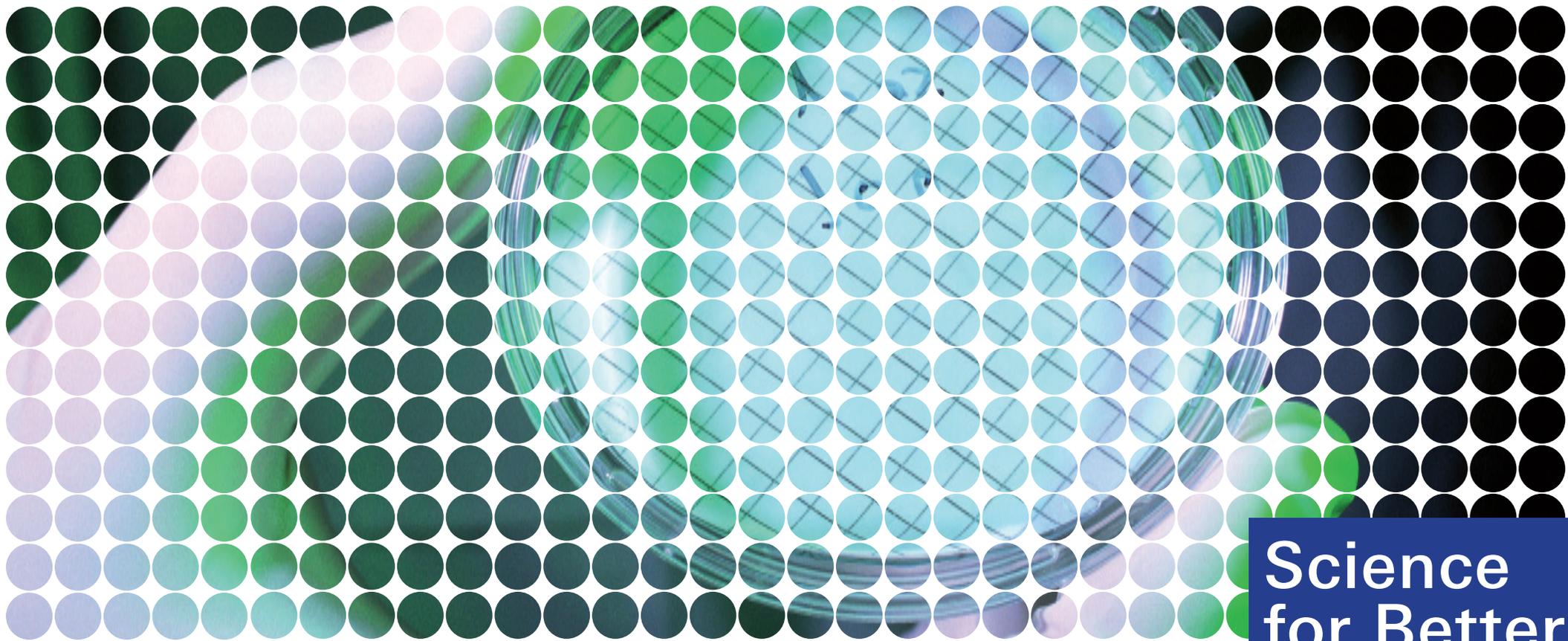
The scientific programme is composed of more than 1.500 abstracts, which were accepted after being carefully reviewed. This year's Congress is the largest in the history of the ECSS, underlining both the interest of the sport scientific community and the importance of the ECSS as an interdisciplinary forum for ongoing debate. In view of the multifaceted character of sport science, state-of-the-art presentations cover basic and applied sciences as they relate to sport, exercise and health. The presented abstracts comprise not only all relevant sub-disciplines of sport science but also all continents and 68 different nations. The abstracts are distributed among 4 Plenary Sessions, 50 Invited Symposia, 50 Thematic Sessions and 3 Poster Sessions each presenting close to 400 Posters.

Apart from presentations discussed from the perspective of natural sciences, social/behavioural sciences, humanities, sports medicine and from practice itself, participants will also experience an extensive social programme including complimentary access to the Olympic Museum.

On behalf of the ECSS we wish you all a very pleasant and productive stay in Lausanne and hope that it will be both scientifically and socially successful.

Hans Hoppeler

Congress President



Science for Better Nutrition



www.nestlenutrition-institute.org

Nestlé Nutrition Medical & Scientific Program

The Nestlé Nutrition Institute™ contributes to the continuing information and education of health professionals in the area of infant, clinical and performance nutrition.

Workshops, publications, educational material, scholarships and a new website make this Medical & Scientific Program complete.



General Information

Venue

Palais de Beaulieu: Located in the city centre and can be reached from the central main station with public transportation in 10 min; bus line 3 from Lausanne main station.

Av. des Bergières 10
Case postale 89
CH - 1000 Lausanne 22
Phone. : +41 21 643 21 11
Fax : +41 21 643 37 11
Email : info@beaulieusa.ch
Internet : www.beaulieu.org

Congress Office - Registration Desk

The congress office/registration desk is located in the entrance hall on the ground floor. Opening times:

- Wednesday, 5 July from 9.00-20.00
- Thursday, 6 July from 7.30-20.00
- Friday, 7 July from 7.30-17.00
- Saturday, 8 July from 7.30-12.00

Registration fees include:

For regular participants: admission to all Scientific Sessions; admission to Exhibitions; congress material (bag, programme, book of abstracts, etc.), Opening Ceremony with reception, Closing Aperitive, Gala Dinner, programme, coffee breaks, lunches.

For accompanying persons: Opening Ceremony with Reception, Closing Aperitive, concert, Gala Dinner, programme.

Congress Staff - Congress Badges

Congress staff members are available to answer questions about the Congress programme, the location of lecture halls, rooms, meals etc. Staff members are identifiable by name badges with the title "Congress Staff". All participants will be provided with congress badges to secure access to sessions and events. These must be worn throughout the Congress. Checks will be conducted.

Scientific Programme

The scientific programme will concentrate on four main topics. These topics will be introduced by a plenary session (PLS) in which two Keynote Speakers will give an overview of the research state-of-the-art. The plenary session will be followed by invited parallel symposia (IS) which aim at providing the interdisciplinary context. A large number of additional invited and oral presentation sessions (OP) for free communication as well as three poster sessions (PP) will be offered. Together the scientific programme reflects the actual state of the art in Sport Sciences. 1549 abstracts were divided among the following sessions:

- 4 Plenary Sessions with 8 presentations
- 50 Invited Symposia with 161 presentations
- 50 Oral Sessions with 251 presentations
- 3 Poster Sessions with 1.129 presentations

Young Investigators Award (YIA)

Young Investigators Award sponsored by Masterfoods

232 candidates are participating in this year's YIA: 140 with poster presentations, 92 with oral presentations. These are marked as YIA in the programme and are contending for 20 prizes (10 oral, 10 poster). The Scientific Board/Committee will select the 10 best presentations from both categories. 4 finalists of the oral presentations will once again present their papers (15 minutes each + questioning time by Scientific Board/Committee) at the Closing Ceremony on Saturday 8 July. All winners will then be announced and receive gifts at the end of the Closing Ceremony and following the final evaluation by the Scientific Board/Committee. The 20 winners are then invited to take part in a special cocktail party at the Olympic Museum hosted by Masterfoods and the ECSS.

Prize Money

Oral presentations

1 st	Euro 4.000,--
2 nd	Euro 3.000,--
3 rd	Euro 2.000,--
4 th	Euro 1.000,--
Equal 5 th	Euro 500,--

Poster presentations

1 st	Euro 3.000,--
2 nd	Euro 2.000,--
3 rd	Euro 1.000,--
4 th	Euro 500,--
Equal 5 th	Euro 300,--

General Information

Presentation regulations & Speakers Ready Room

All presenters must be available at the respective lecture hall 15 minutes before the session starts. Presentations must have been checked and previewed in the Speakers Ready Room the previous day for the morning sessions and in the morning for the afternoon sessions. All powerpoint presentations will be pre-loaded on a PC in the presentation room. If presenters are using their own laptops, it is necessary to check compatibility with the beamers in the Speakers Ready Room. The chair is to give a short introduction and maintain the exact timeline of the session. Should a presenter not appear for his/her presentation, the chair offers the time slot to the next presenter. The chair remains in the session room until the session timeline has expired and makes sure that all mobile phones are switched off.

Poster Presentations

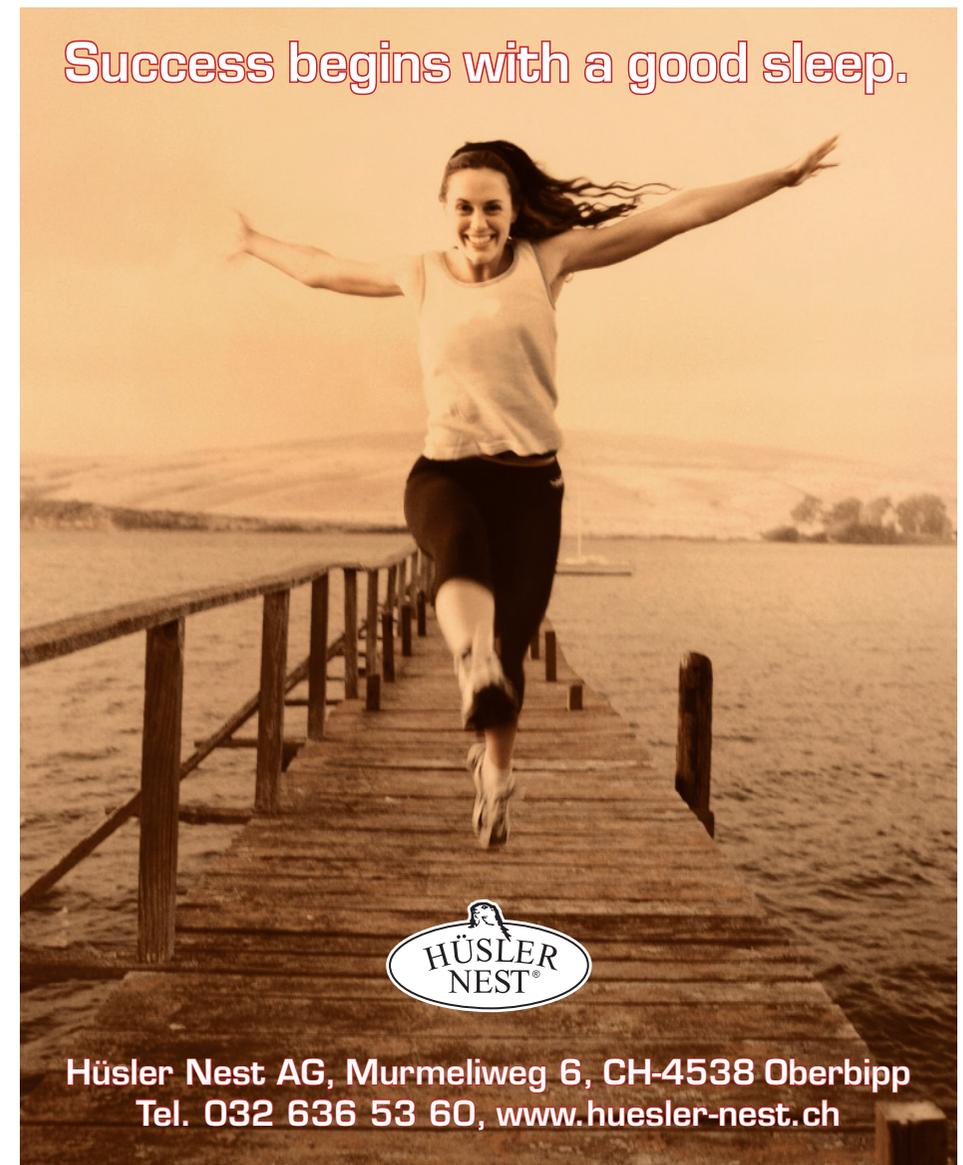
Posters are presented in three sessions on three days Thursday until Saturday as debated posters between 14.15-15.15. The presenters are requested to be available at their poster during the complete time slot (14.15-15.15 of the respective day). Chairpersons will lead the debated poster session and each presenter gives a 2 minute presentation followed by a short discussion on the poster when asked to do so by the chairperson. The posters are to be put up at 8.00 of the presentation day and taken down at 19.00 of the same day. Drawing pins, adhesive tape etc. will be available. **Poster chairs will be ... each day in room „Innsbruck“.**

Congress Language

The official congress language is English. No simultaneous translation will be provided except of the Sessions sponsored by SGSM.

Lunch and Coffee Breaks

Coffee breaks (11.10-11.40 & 16.45-17.00) and lunch (13.10-14.15) are included in the registration fee and will be served in the Congress Centre.



Success begins with a good sleep.

**HÜSLER
NEST®**

**Hüsler Nest AG, Murmeliweg 6, CH-4538 Oberbipp
Tel. 032 636 53 60, www.huesler-nest.ch**

General Information

Social Programme

Opening Reception on Wednesday evening, July 5th, 2006

Visit Lausanne, July 6th, 2006. Dinner-Show at Theatre Barnabé

This is the official social evening of the Swiss Society for Sports Medicine offering an aperitive, the show and a dinner in a very special setting. This evening is sponsored by IBSA. A limited number of tickets is available for non-SGSM participants of ECSG on a first come first served bases. The cost of the evening is Euro 55,- or CHF 80,-. Interested participants can buy tickets at the registration.

Gala Dinner and Show

On Friday, July 7th, 2006.

Closing Ceremony

With "Farewell Apero" on Saturday, July 8th, 2006.

Free access to the Olympic Museum

The bus line 2 takes you in less than 15 min from the "Palais de Beaulieu" directly to the "Olympic Museum". For free access use voucher in Congress package.

Rowing competition

Sponsored by „Menarini“; prizes awarded in Closing Ceremony.

Wellness equipment on site

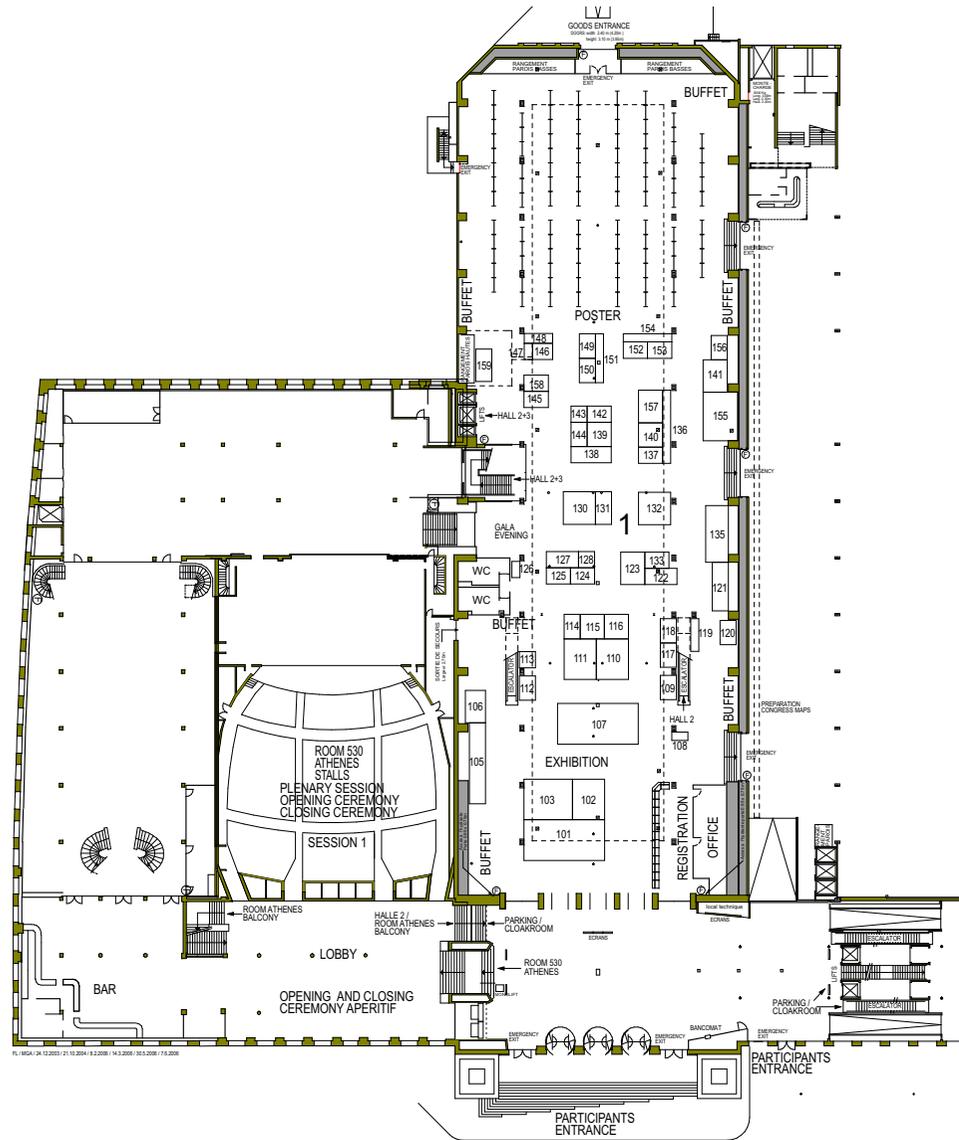
Sponsored by „Technogym/Fimex“; to be used by all participants for personal fitness.

Internet

An Internet Café free to all participants is located in the exhibition area; sponsored by „IBM“ & „Lesoto“.

Useful websites

- *Palais de Beaulieu*: <http://www.beaulieu.org>
- *Airport Geneva*: <http://www.gva.ch>
- *Train Schedule*: <http://www.cff.ch>
- *Bus and Metro*: <http://www.t-l.ch>



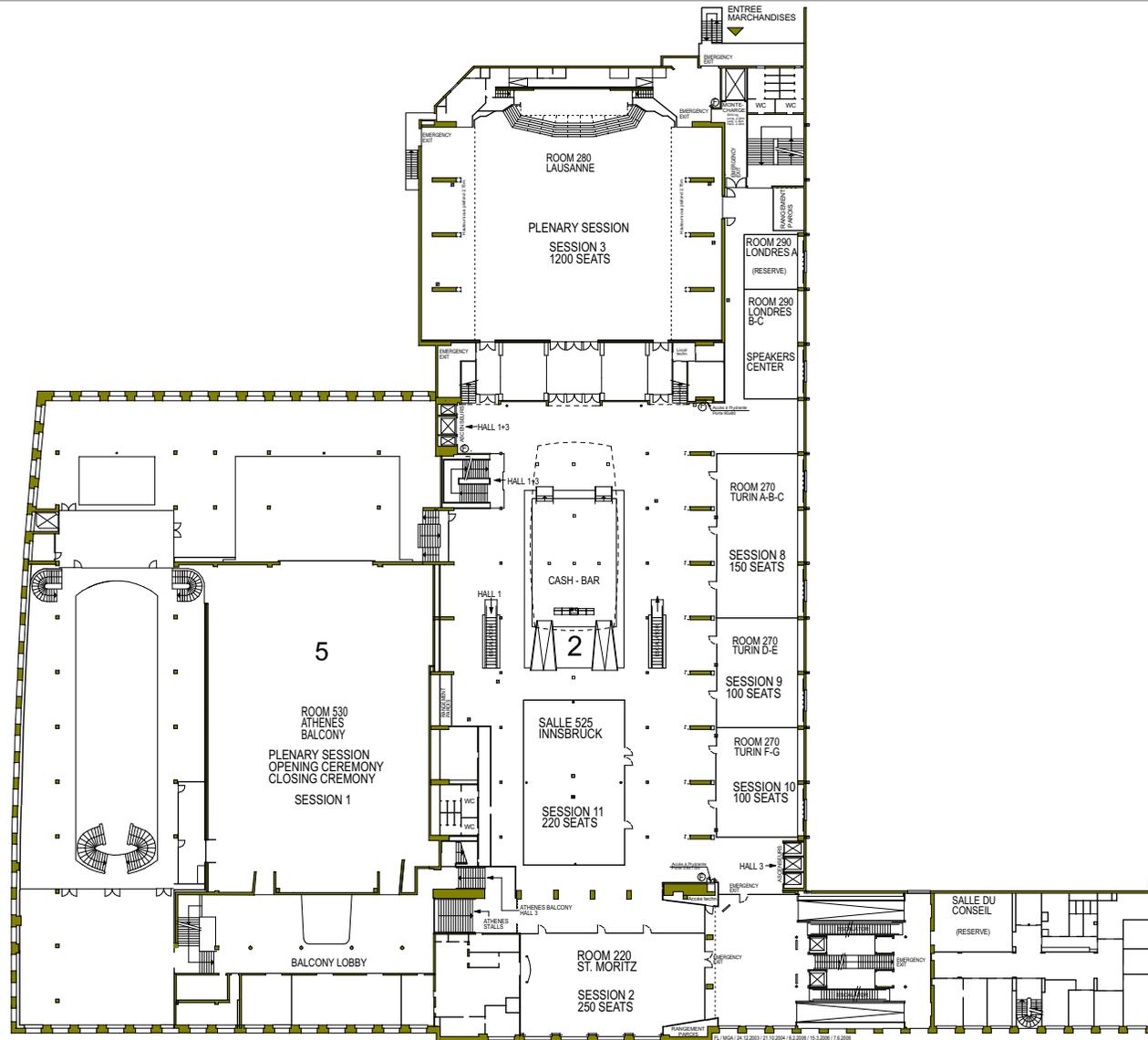
Congress Venue

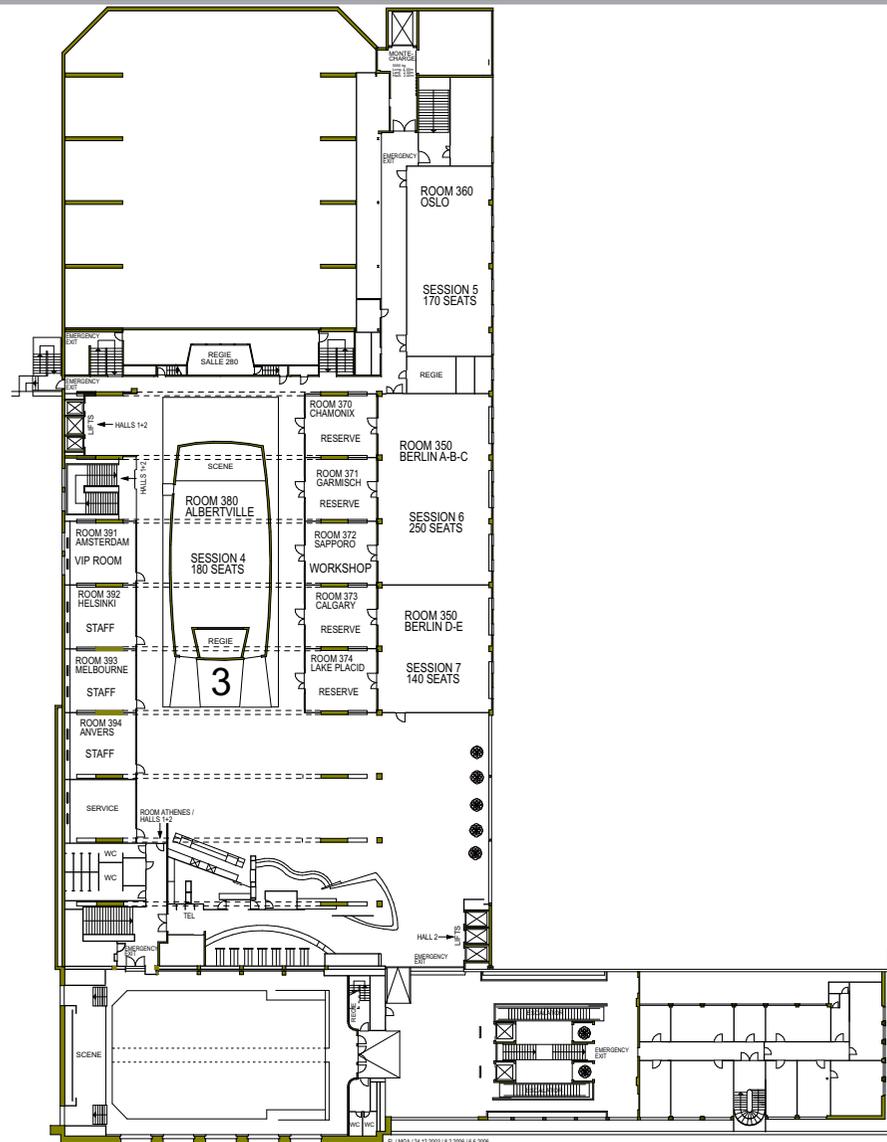
ALLENSPACH MEDICAL AG	146
AXON LAB AG	124
BAUERFEIND AG	105
BERRO AG	117
BLACKWELL PUBLISHING	144
CAMBRIDGE NEUROTECHNOLOGY	118
CHARWOOD DYNAMICS	158
CIZEN / PHITEN	114
COSMED	115
COSMOS	157
DOETSCH GRETHER AG	130
DROSSAPHARM AG	111
EMS ELECTRO MEDICAL SYSTEMS SA	120
FIMEX DISTRIBUTION AG	101
GATORADE SPORTS	128
GEBRO PHARMA AG	137
GENZYME GMBH	142
GERMAN SPORT UNIVERSITY COLOGNE	143
GSK, LUCOZAJE SPORT SCIENCE ACADEMY	110
HÜSLER NEST AG	135
HUMAN KINETICS EUROPE LTD	136

IBM/LESOTO	107
IBSA	103
IDIAG	125
IG INSTRUMENTEN-GESELLSCHAFT AG	113
KISTLER	159
KÜNZLI SWISSSCHUH AG	127
LAB FORCE AG	138
MEDCONNECT	126
MEDPRO NOVAMED AG	131
MEGA ELECTRONICS	119
MENARINI A. AG	141
MENARINI A. AG	155
MONARK EXERCISE AB	106
NESTLÉ NUTRITION	102
NUMO SYSTEMS & RSSCAN INTERNATIONAL	140
ORTHO-TEAM AG	133
PERMAMED AG	132
POLAR ELECTRO EUROPE BV	153
POWER-PLATE SCHWEIZ / FIT3 GMBH	151
PROPHYSICS	156

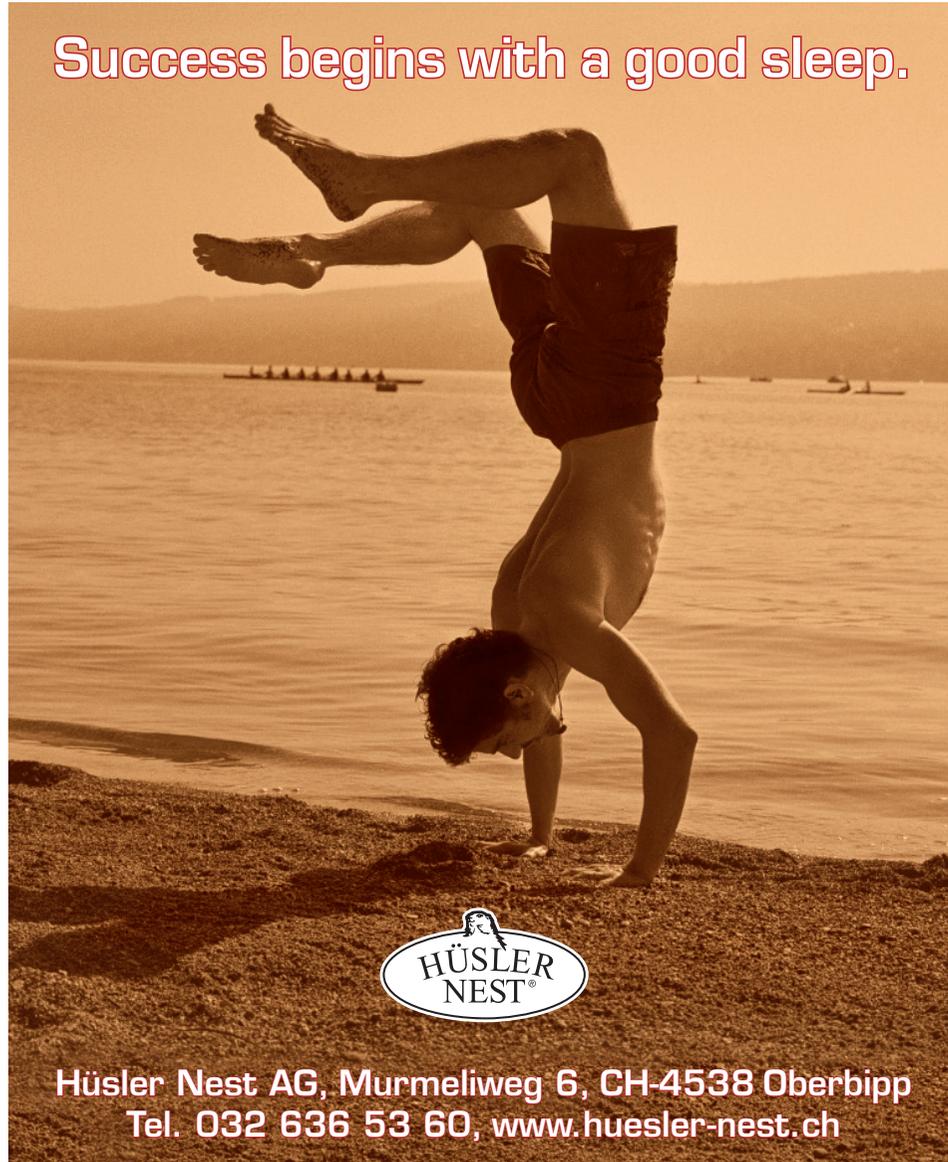
Exhibitors

RAYMED AG	148
REAVITA AG / CORTEX GMBH	116
REHATEC AG	149
ROBAPHARM AG	121
ROUTLEDGE	147
S. KARGER AG	152
SIGMA-TAU PHARMA AG	122
SIMI REALITY MOTION SYSTEMS GMBH	139
SMITH & NEPHEW AG	112
SPIRIG PHARMA AG	145
STORZ MEDICAL AG	150
TRB CHEMEDICA SA	123
VIFOR SA	109
WISEPRESS ONLINE BOOKSHOP THE OLD LAMP WORKS	154





Success begins with a good sleep.



Hüsler Nest AG, Murmeliweg 6, CH-4538 Oberbipp
Tel. 032 636 53 60, www.huesler-nest.ch

Scientific Programme

Plenary sessions	13
Oral presentations	14
Thursday, July 6 th	14
Friday, July 7 th	22
Saturday, July 8 th	29
Poster Sessions	34
Thursday, July 6 th – PP1	34
Friday, July 7 th – PP2	44
Saturday, July 8 th – PP3	54

Plenary Sessions

Wednesday, July 5th, 2006

16:00 - 17:30

Athene PLS0

Health well-being and exercise

Paccaud, F. [Switzerland]

16:10 PLS0-1
RISK FACTORS BETWEEN MEN WITH POSITIVE OR NEGATIVE
FAMILY REPORTS FOR CARDIOVASCULAR DISEASES
Lima, W.A. et al [Brazil]

16:50 PLS0-2
RISK FACTORS BETWEEN MEN WITH POSITIVE OR NEGATIVE
FAMILY REPORTS FOR CARDIOVASCULAR DISEASES
Lima, W.A. et al [Brazil]

Thursday, July 6th, 2006

08:15 - 09:30

Lausanne PLS1

Olympism and the Olympic movement

Klissouras, V. [Greece]

Scope of olympic movement PLS1-1
SCOPE OF OLYMPIC MOVEMENT
Oswald D. [CH]

08:55 PLS1-1
OLYMPISM FOR THE 21ST CENTURY
Parry, J [United Kingdom]

Friday, July 7th, 2006

08:15 - 09:30

Athene PLS2

High-Tech in Sport

Hoppeler, H. [Switzerland]

08:20 PLS2-1
SPORT: A UNIQUE IMPLEMENTATION DYNAMIC FOR
TECHNOLOGIES
Manson, J.-A. et al [Switzerland]

08:55 PLS2-2
TECHNOLOGY IN SPORT - ETHICAL CHALLENGES AND POSSIBLE
SOLUTIONS
Loland, S. [Norway]

Saturday, July 8th, 2006

08:15 - 09:30

Athene PLS3

Injuries in sport

Kjaer, M. [Denmark]

08:20 PLS3-1
SPORT INJURIES AND BEYOND - A POPULATION PERSPECTIVE
ON THE RISKS AND BENEFITS OF PHYSICAL ACTIVITY
Martin, B.W. [Switzerland]

08:55 PLS3-2
ADVANCES IN PREVENTING SPORT INJURIES
Myklebust, G. [Norway]

Lausanne	IS1-01	Innsbruck	IS1-02	St. Moritz	IS1-03	Albertville	IS1-04	Berlin ABC	IS1-05
Gender, mass media and Olympic Sports		Transport related physical activity and health		Exercise and oxidative stress		On the coordination dynamics of skill acquisition: a neglected dimension of expertise		Physiotherapy in sport - facts or myth	
<i>Pfister, G. [Denmark]</i>		<i>Braun-Fahrländer, C. [Switzerland]</i>		<i>Flück, M. [Switzerland]</i>		<i>Beek, P. [Netherlands]</i>		<i>Cabri, J. [Portugal]</i>	
09:40	IS1-01-1	09:55	IS1-02-1	09:40	IS1-03-1	09:55	IS1-04-1	09:55	IS1-05-1
THE GLOBAL WOMEN IN SPORTS MEDIA PROJECT - INTRODUCTION		RELATION OF CYCLING AND PREMATURE DEATH		MOLECULAR MECHANISMS OF APOPTOSIS AND OXIDATIVE STRESS IN MUSCLE; ROLE OF EXERCISE INTERVENTION'		TIME SCALES AND EVOLVING LANDSCAPE MODELS OF MOTOR LEARNING		SPORTS PHYSIOTHERAPY INTERVENTIONS OF ANKLE SPRAINS. WHERE IS THE EVIDENCE	
Pfister, G. [Denmark]		Andersen, L. [Norway]		Leeuwenburg, C. et al [United States]		Mayer-Kress, G. et al [United States]		Clijisen, R. et al [Switzerland]	
09:50	IS1-01-2	10:20	IS1-02-2	10:00	IS1-03-2	10:20	IS1-04-2	10:20	IS1-05-2
THE COVERAGE OF MALE AND FEMALE ATHLETES AT THE 2004 OLYMPIC GAMES - GERMAN RESULTS		COMMUTER CYCLING IN FLANDERS		CAN OXIDATIVE DAMAGE INDUCE GENE REGULATION? ROLE OF EXERCISE		HIT THE TARGET - HOW TO HANDLE STOCHASTIC INFLUENCES IN GOAL ORIENTED		MECHANICAL AND NEUROMUSCULAR EFFECTS OF EXTERNAL ANKLE STABILIZERS	
Hartmann-Tews, I.A. et al [Germany]		de Geus, B. et al [Belgium]		Radak, Z. [Hungary]		Müller, H. [Germany]		Alt, W. et al [Germany]	
10:10	IS1-01-3	10:45	IS1-02-3	10:20	IS1-03-3	10:45	IS1-04-3	10:45	IS1-05-3
THE COVERAGE OF MALE AND FEMALE ATHLETES AT THE 2004 OLYMPIC GAMES - FRENCH RESULTS		ENVIRONMENTAL FACTORS AND HUMAN POWERED MOBILITY FOR CHILDHOOD SCHOOL TRAVEL		THE ROLE OF REACTIVE OXYGEN SPECIES GENERATED BY SKELETAL MUSCLE IN SIGNALLING ADAPTIVE RESPONSES TO CONTRACTIONS		DYNAMICAL INFORMATION UNDERPINS ANTICIPATION SKILL IN PERCEIVING TENNIS SHOTS		THE EFFECTS OF ANKLE TAPING ON PROPRIOCEPTION: A SYSTEMATIC REVIEW	
Ohl, F. et al [Switzerland]		Bringolf-Isler, B. et al [Switzerland]		Jackson, M.J. et al [United Kingdom]		Huys, R. et al [France]		Cabri, J. et al [Portugal]	
10:30	IS1-01-4			10:40	IS1-03-4				
THE COVERAGE OF MALE AND FEMALE ATHLETES AT THE 2004 OLYMPIC GAMES – DANISH RESULTS				MOLECULAR SPECIFICITY OF THE LOCAL TRAINING RESPONSE IN HUMANS					
Pfister, G. [Denmark]				Flück, M. et al [Switzerland]					
10:50	IS1-01-5								
INTERNATIONAL COMPARISON OF GENDER REPRESENTATION IN SPORTSMEDIA AT THE OLYMPIC GAMES 2004									
Hartmann-Tews, I.A. [Germany]									

Oslo	OP1-01	Turin ABC	OP1-02	Berlin DE	OP1-03	Turin DE	OP1-04	Turin FG	OP1-05
Physiology 1/10		General 1/1		Sports Medicine 1/4		Biomechanics 1/4		Psychology 1/5	
<i>Schubert, M. [Germany]</i>		<i>McNamee, M. [United Kingdom]</i>		<i>Kriemler, S. [Switzerland]</i>		<i>Grau, S. [Germany]</i>		<i>Conzelmann, A. [Switzerland]</i>	
10:00 [YIA] OP1-01-1 MUSCLE ACTIVATION DURING CYCLING AT DIFFERENT CADENCE: EFFECT OF MAXIMAL STRENGTH CAPACITY Bieuzen, F. et al [France]		09:45 [YIA] OP1-02-1 DEFINING 'OLYMPISM' IN THE DISCOURSE OF THE LATE/ HIGH MODERNITY Chatziefstathiou, D. [United Kingdom]		09:45 [YIA] OP1-03-1 LONG-TERM THERAPY: A KEY ROLE TO TREAT OBESITY IN ADOLESCENTS Prado, W.L. et al [Brazil]		09:45 [YIA] OP1-04-1 SOLEUS AND MEDIAL GASTROCNEMIUS SPINAL REFLEXES MODULATIONS DURING MAXIMAL VOLUNTARY CONCENTRIC AND ECCENTRIC MUSCLE CONTRACTION Duclay, J. et al [France]		09:45 [YIA] OP1-05-1 SPORT, WELLBEING AND DEVIANT BEHAVIOR: A CROSS-SECTIONAL STUDY WITH SWISS ADOLESCENTS Moesch, K. et al [Switzerland]	
10:15 [YIA] OP1-01-2 NEUROMUSCULAR FATIGUE DURING PROLONGED TENNIS PLAYING Girard, O. et al [France]		10:00 [YIA] OP1-02-2 DECONSTRUCTING OLYMPIC GAMES Sentuna, B. [Turkey]		10:00 [YIA] OP1-03-2 LOW PHYSICAL ACTIVITY LEVEL AND INCREASED BODY FATNESS IN CHILDREN AND ADOLESCENTS WITH TYPE 1 DIABETES Trigona, B. et al [Switzerland]		10:00 [YIA] OP1-04-2 AGE RELATED EFFECTS OF SUBMAXIMAL FATIGUE ON THE MUSCLES' NEUROMECHANICAL PROPERTIES AND ON THE POSTURAL STABILITY AFTER FORWARD FALLS Mademli, L. et al [Germany]		10:00 OP1-05-2 RELATIONSHIP BETWEEN STPI-Y SCALES AND LIFESTYLE DEFENSE MECHANISM INVENTORY MEASURES AT MALE AND FEMALE PE STUDENTS Levente, B. et al [Hungary]	
10:30 [YIA] OP1-01-3 INFLUENCE OF ENHANCED VISUAL FEEDBACK ON POSTURAL CONTROL AND SPINAL REFLEX MODULATION Leukel, C. et al [Germany]		10:15 [YIA] OP1-02-3 ON THE ROLE OLYMPIC-IDEAL PROMOTION PLAYS IN THE SELF-EMANCIPATION OF CHINESE WOMEN Sisi, C. [China]		10:15 [YIA] OP1-03-3 BODY MASS INDEX, FUNCTIONAL CAPACITY AND COGNITION ACCORDING TO PHYSICAL ACTIVITY LEVEL: FOLLOW-UP LONGITUDINAL ELDERLY'S STUDY Ferreira, M. et al [Brazil]		10:15 [YIA] OP1-04-3 CHANGES IN JUMP PERFORMANCE AND MUSCLE ACTIVITY FOLLOWING PROLONGED FOOTBALL-SPECIFIC EXERCISE Oliver, J.L. et al [United Kingdom]		10:15 [YIA] OP1-05-3 AN INTERVENTION-STUDY BASED ON THE TRANSTHEORETICAL MODEL Pfeffer, I. [Germany]	
10:45 [YIA] OP1-01-4 A COMPARISON OF CORE BODY TEMPERATURE MEASUREMENTS DURING PROLONGED, MODERATE-INTENSITY CYCLING AT 20°C AND 35°C Mündel, T. et al [United Kingdom]		10:30 [YIA] OP1-02-4 ESCALATION OF VIOLENCE AT THE MAKSIMIR STADIUM IN 1990 – THE BEGINNING OF WAR IN EX-YUGOSLAVIA? Custonja, Z. [Croatia]		10:30 [YIA] OP1-03-4 PHYSICAL EXERCISE INCREASES ADIPONECTION RECEPTOR-1 EXPRESSION LEVELS AND IMPROVES INSULIN SENSITIVITY IN KKAY MICE Huang, H. et al [Japan]		10:30 [YIA] OP1-04-4 ACUTE CHANGES IN HAMSTRINGS MUSCULO-ARTICULAR VISCOUS PROPERTIES INDUCED BY CYCLIC AND STATIC STRETCHING Nordez, A. et al [France]		10:30 [YIA] OP1-05-4 ARE FALLS INFLUENCED BY PERSONALITY, SEX, AND AGE? Engelhard, K. et al [Germany]	
		10:45 OP1-02-5 PERFORMANCE PREDICTION IN ENDURANCE SPORTS Kleshnev, V. et al [United Kingdom]		10:45 [YIA] OP1-03-5 THE EFFECT OF EXERCISE AND OXIDANT-ANTIOXIDANT INTERVENTION ON THE LEVEL OF NEUROTROPHINS AND FREE RADICALS IN CEREBELLUM AND SPINAL CORD OF RATS Siamilis, S. et al [Hungary]		10:45 [YIA] OP1-04-5 RECONSTRUCTION OF THE HUMAN TRICEPS SURAE MUSCLE-TENDON UNIT BASED ON MRT IMAGES Albracht, K. et al [Germany]		10:45 OP1-05-5 THE RELATIONSHIP BETWEEN ATHLETIC SELF-PERCEPTIONS, EXERCISE MOTIVATION, AUTONOMY, SOCIAL CONNECTEDNESS, AND PHYSICAL ACTIVITY IN OLDER ADULTS Rose, E. et al [Australia]	

Lausanne	IS1-06	Innsbruck	IS1-07	St. Moritz	IS1-08	Albertville	IS1-09	Berlin ABC	IS1-10
Perception and decision making in sports		What is wrong with obesity?		The impact of neuroscience on sports		Theories of participation in sport and exercise		Neuromuscular skeletal muscle and aging	
<i>Williams, M. [United Kingdom]</i>		<i>Schutz, Y. [Switzerland]</i>		<i>Swinnen, S. [Belgium]</i>		<i>Biddle, S. [United Kingdom]</i>		<i>Gollhofer, A. [Germany]</i>	
11:45	IS1-06-1	11:40	IS1-07-1	11:40	IS1-08-1	11:40	IS1-09-1	11:55	IS1-10-1
COGNITIVE AND PERCEPTUAL MECHANISMS SUPPORTING EXPERT ANTICIPATION AND SITUATIONAL ASSESSMENT		INTRODUCTION Schuetz Y. [CHI]		INTRODUCTION Swinnen S.P. [BE]		INTRODUCTION TO THEORIES: WHAT, WHY, WHEN AND WHERE Biddle S. [UK]		ADDRESSING THE NEURONAL MUSCULAR AND HORMONAL ALTERATIONS WITH AGE AND THEIR FUNCTIONAL CONSEQUENCES Narici, M. [United Kingdom]	
Ward, P. [United States]		11:50	IS1-07-2	11:55	IS1-08-2	11:55	IS1-09-2	12:20	IS1-10-2
IDENTIFYING THE CRITICAL INFORMATION SOURCES UNDERPINNING SKILLED PERCEPTION IN SOCCER		PHYSICAL ACTIVITY BEHAVIOUR: AN UPDATE Oppert, J.-M. [France]		PLASTIC CHANGES IN BRAIN ACTIVATION AS A RESULT OF LEARNING A NEW MOTOR SKILL: DYNAMICS OF LEARNING-RELATED INCREASES AND DECREASES IN BRAIN ACTIVATION Swinnen, S.P. et al [Belgium]		SELF-CONCORDANCE AND THE DEVELOPMENT OF HABITUAL PHYSICAL ACTIVITY Fuchs, R. et al [Germany]		PHYSICAL ACTIVITY AND NEUROMUSCULAR FUNCTION IN AGING Gollhofer, A. et al [Germany]	
North, J. et al [United Kingdom]		12:20	IS1-07-3	12:20	IS1-08-3	12:20	IS1-09-3	12:45	IS1-10-3
DECISION-MAKING SKILLS IN YOUTH SOCCER		FOOD BEHAVIOUR : NEW APPROACHES Golay, A. [Switzerland]		CENTRAL ADAPTATIONS TO STRENGTH TRAINING AND IMMOBILIZATION Nielsen, J. et al [Denmark]		CAN TEACHERS REALLY MOTIVATE SCHOOL CHILDREN TO BE ACTIVE IN LEISURE TIME? STUDYING AUTONOMOUS MOTIVATION ACROSS CONTEXTS Hagger, M.S. [United Kingdom]		IMPROVED MENTAL HEALTH AND QUALITY OF LIFE IN PHYSICALLY ACTIVE ELDERLY? Conzelmann, A. [Switzerland]	
Vaeyens, R. et al [Belgium]		12:50	IS1-07-4	12:45	IS1-08-4	12:45	IS1-09-4		
ENHANCING THE RESPONSE SPEED, ACCURACY, AND DECISION MAKING OF SENIOR TENNIS PLAYERS USING A PERCEPTUAL SKILLS TRAINING PROGRAM		GENERAL DISCUSSION		NEURAL CORRELATES OF RHYTHMIC AND REACTIVE SENSORIMOTOR COORDINATION Oullier, O. et al [France]		MOOD REGULATION: AN UNDERESTIMATED MOTIVE FOR UNDERSTANDING EXERCISE BEHAVIOUR Taylor, A.H. [United Kingdom]			
Janelle, C. et al [United States]									

Oslo	OP1-06	Turin ABC	OP1-07	Berlin DE	OP1-08	Turin DE	OP1-09	Turin FG	OP1-10
Physiology 2/10		Sociology 1/1		Sports Medicine 2/4		Biomechanics 2/4		Rowing 1/1	
<i>Lundby, C. [Denmark]</i>		<i>Ohl, F. [Switzerland]</i>		<i>Katz, E. [Switzerland]</i>		<i>Herzog, W. [Canada]</i>		<i>Hartmann, U. [Germany]</i>	
11:45 PLASMA LEVELS OF TNF- α AND ADHESION MOLECULES IN ATHLETES WITH SICKLE CELL TRAIT AND β -THALASSEMIA: EFFECTS OF TWO EXERCISE MODALITIES Monchanin, G. et al [France]	OP1-06-1	11:45 NATIONAL VS. INTERNATIONAL SPORTS COVERAGE Sattflecker, G. et al [Austria]	[YIA] OP1-07-1	11:45 THE EFFECTS OF HEAVY VERSUS LIGHT RESISTANCE TRAINING INTENSITY ON MUSCLE HYPERTROPHY AND STRENGTH Pedersen, T.G. et al [Denmark]	[YIA] OP1-08-1	11:45 THE EFFECT OF RUNNING, RESISTANCE STRENGTH, AND VIBRATION STRENGTH TRAINING ON THE MECHANICAL, MORPHOLOGICAL AND BIOCHEMICAL PROPERTIES OF THE ACHILLES TENDON Legerlotz, K. et al [Germany]	[YIA] OP1-09-1	11:45 VALIDITY OF HEART RATE TURN POINT TO SET TARGET HEART RATE FOR PROLONGED ERGOMETER ROWING EXERCISE AND SINGLE SCULLING Hofmann, P. et al [Austria]	OP1-10-1
12:00 EFFECT OF ORAL CONTRACEPTIVES ON PATELLAR TENDON COLLAGEN SYNTHESIS AT REST AND IN RESPONSE TO EXERCISE Hansen, M. et al [Denmark]	[YIA] OP1-06-2	12:00 'GO GENDER BUT NOT ONLINE'. THE SPORTS COVERAGE OF GENDER IN SELECTIVE INTERNET PORTALS Dimitriou, M. et al [Austria]	OP1-07-2	12:00 THE EFFECT OF TRAINING INTENSITY ON MYOFIBRILLAR PROTEIN SYNTHESIS MEASURED AT REST AND ACUTELY AFTER HEAVY RESISTANCE EXERCISE Reitelseder, S. et al [Denmark]	[YIA] OP1-08-2	12:00 NEURAL FACTORS MAY NOT ACCOUNT FOR THE ACUTE ADAPTATION TO REPEATED DAMAGING STRETCH-SHORTENING CYCLE EXERCISES Martin, V. et al [Finland]	[YIA] OP1-09-2	11:55 RELATIONSHIP BETWEEN MECHANICAL POWER DURING MAXIMAL STROKES AND 2000M INDOOR ROWING PERFORMANCE Velooso, A. et al [Portugal]	OP1-10-2
12:15 COMPENSATING LOSS OF FORCE BY STIMULATION OF THE NA,K-PUMP IN RAT SKELETAL MUSCLE Mikkelsen, U.R. 1, Gissel, H. 2, Fredsted, A. 2, Clausen, T. 2 [Denmark]	[YIA] OP1-06-3	12:15 'TRANSFER OF AFRICAN FOOTBALL PLAYERS TO EUROPE AND THE MEDIA' Skogvang, B.O. [Norway]	OP1-07-3	12:15 AGING AND TORQUE-ANGLE RELATIONSHIPS IN ANKLE DORSI-FLEXION AND PLANTAR FLEXION Simoneau, E. et al [France]	[YIA] OP1-08-3	12:15 COMPONENTS OF THE PROPULSIVE FORCES ON THE HAND IN BREASTSTROKE SWIMMING Suito, H. et al [Japan]	OP1-09-3	12:05 A SINGLE TEST FOR ASSESSING PHYSIOLOGICAL AND PERFORMANCE PARAMETERS IN ROWERS Bourdon, P. et al [Australia]	OP1-10-3
12:30 ACUTE DOPAMINE REUPTAKE INHIBITION ENHANCES PERFORMANCE IN WARM, BUT NOT TEMPERATE CONDITIONS Roelands, B. et al [Belgium]	[YIA] OP1-06-4	12:30 YOUNG PEOPLE, SPORT AND LEISURE: A STUDY OF CONTEMPORARY YOUTH LIFESTYLES Smith, A. et al [United Kingdom]	OP1-07-4	12:30 REGION SPECIFIC PATELLAR TENDON HYPERTROPHY FOLLOWING RESISTANCE TRAINING Kongsgaard, M. et al [Denmark]	[YIA] OP1-08-4	12:30 AGONIST MUSCLE ACTIVATION AND ANTAGONIST MUSCLE CO-ACTIVATION LEVELS DURING STANDARDIZED ISOTONIC AND ISOKINETIC KNEE EXTENSIONS Remaud, A. et al [France]	[YIA] OP1-09-4	12:15 CIRCADIAN RHYTHMS IN VARIOUS METABOLIC RESPONSES TO INCREMENTAL ROWING EXERCISE Forsyth, J. et al [United Kingdom]	OP1-10-4
12:45 CALCIUM CONTENT AND EXPRESSION OF CALPAIN AND CALPASTATIN IN HUMAN SKELETAL MUSCLE FOLLOWING REPEATED BOUTS OF ECCENTRIC EXERCISE Overgaard, K. et al [Denmark]	OP1-06-5	12:45 DO WOMEN PLAY A ROLE IN TEAM SPORTS? Capranica, L. 1, Piacentini, M.F. 1, Giannini, A. 1, Tiberi, M. 3, Tessitore, A. 1+2 [Italy]	OP1-07-5	12:45 FOOTBALL INJURIES – APPLICATION OF LAW 12 IN TOP-CLASS TOURNAMENTS Tscholl, P. et al [Switzerland]	[YIA] OP1-08-5	12:45 COMPARISON OF CYCLE CRANK TORQUE COMPUTED FROM FORCES APPLIED TO THE PEDALS AND MEASURED WITH AN SRM ERGOMETER Bailey, M. et al [United Kingdom]	OP1-09-5	12:25 HORMONE RESPONSES TO MAXIMAL ROWING BEFORE AND AFTER PROLONGED TRAINING IN ELITE MALE ROWERS Purge, P. et al [Estonia]	OP1-10-5
								12:35 ADIPONECTIN AND STRESS HORMONE RESPONSES TO MAXIMAL SCULLING AFTER PROLONGED EXERCISE TRAINING IN ELITE ROWERS Jürimäe, J. et al [Estonia]	OP1-10-6
								12:45 INDIVIDUAL DEVELOPMENT OF ROWING SPECIFIC COMPETITION PERFORMANCE IN ORDER TO ENDURANCE PERFORMANCE Grabow, V. et al [Germany]	OP1-10-7

Lausanne	IS1-11	Innsbruck	IS1-12	St. Moritz	IS1-13	Albertville	IS1-14	Berlin ABC	IS1-15
Sudden cardiovascular death and sports (SGSM symposium 1)		VO2 Kinetics		Transendothelial transport limitations in insulin resistant skeletal muscles (sponsored by Astra Zeneca)		ICSSPEE moral development in sport		Running biomechanics (sponsored by Nike)	
<i>Kayser, B. [Switzerland]</i>		<i>Borrani, F. [Switzerland]</i>		<i>Wagenmakers, A. [United Kingdom]</i>		<i>McNamee, M. [United Kingdom]</i>		<i>Brüggemann, G. [Germany]</i>	
<i>Meijboom, E. [Switzerland]</i>		15:30	IS1-12-1	15:30	IS1-13-1	15:30	IS1-14-1	15:15	IS1-15-1
15:15	IS1-11-1	VO2 KINETICS: OLD AND RECENT LESSONS FROM EXPERIMENTS ON ISOLATED MUSCLE IN SITU	Grassi, B. [Italy]	INSULIN AND EXERCISE INDUCED MUSCLE CAPILLARY RECRUITMENT	Rattigan, S. et al [Australia]	MORAL DEVELOPMENT RESEARCH IN SPORT: SOME PHILOSOPHICAL REFLECTIONS	Jones, C. [United Kingdom]	EFFECT OF FASCICLE LENGTH CHANGES ON THE ESTIMATION OF VOLUNTARY ACTIVATION DURING ISOMETRIC CONTRACTIONS	Arampatzis, A. et al [Germany]
IN FAVOUR OF OBLIGATORY SCREENING: THE ITALIEN EXPERIENCE	Corrado D. [IT]	15:55	IS1-12-2	15:55	IS1-13-2	15:55	IS1-14-2	15:29	IS1-15-2
OBLIGATORY SCREENING - CRITICAL REVIEW: THE UK EXPERIENCE	McKenna, W. [United Kingdom]	REGULATION OF VO2 KINETICS AND ITS FUNCTIONAL CONSEQUENCES	Hughson, R.L. [Canada]	REDUCED MUSCLE PERFUSION IN THE OBESE ZUCKER RAT	Frisbee, J. [United States]	MORAL FUNCTIONING, MORAL ATMOSPHERE, AND YOUTH SPORT: THE IMPACT OF COACH-CREATED MOTIVATIONAL CLIMATE	Miller, B.W. [Norway]	BIOMECHANICAL VARIABLES IN RUNNING AND ITS RELATION TO SPECIFIC OVERUSE INJURIES	Grau, S. et al [Germany]
15:35	IS1-11-2	16:20	IS1-12-3	16:20	IS1-13-3	16:20	IS1-14-3	15:52	IS1-15-3
LOOKING AT SPORTS: DEATH IN SPECTATORS FROM A PUBLIC HEALTH PERSPECTIVE	Katz, E. [Switzerland]	COMBINED IN SITU DETERMINATION OF METABOLIC AND MYOELECTRIC CHANGES ASSOCIATED WITH O2 UPTAKE KINETICS DURING HIGH-INTENSITY EXERCISE IN HUMANS	Perrey, S. [France]	MICROCIRCULATORY FUNCTION AND INSULIN RESISTANCE	Stehouwer, C. [Netherlands]	DISAFFECTED YOUTH AND PHYSICAL ACTIVITY PROGRAMMES	Armour, K. et al [United Kingdom]	AGE-RELATED ADAPTATIONAL PHENOMENA WHILE RUNNING ON DIFFERENT SURFACES	Karamanidis, K. et al [Germany]
16:15	IS1-11-4							16:15	IS1-15-4
THE LAUSANNE RECOMMENDATIONS AND BEYOND	Meijboom, E.J. et al [Switzerland]							MECHANICAL LOADING, RUNNING RELATED INJURIES AND FOOTWEAR CONSTRUCTION: WATH DID WE LEARN IN THE LAST THIRTY YEARS?	Segesser, B. et al [Switzerland]

Oslo	OP1-11	Turin ABC	OP1-12	Berlin DE	OP1-13	Turin DE	OP1-14	Turin FG	OP1-15
Physiology 3/10		Training and Testing 1/7		Health and Fitness 1/4		Motor Learning 1/2		Psychology 2/5	
<i>Flück, M. [Switzerland]</i>		<i>Däpp, C. [Switzerland]</i>		<i>Skevington, S. 15:20 [YIA] OP1-13-1</i>		<i>Mayer-Kress, G. [United States]</i>		<i>Perrig, W. [Switzerland]</i>	
15:20	[YIA] OP1-11-1	15:15	[YIA] OP1-12-1	PHYSICAL FITNESS OF DRAFTEES COMPARED WITH THEIR HABITUAL PHYSICAL ACTIVITY	15:20	[YIA] OP1-14-1	15:20	[YIA] OP1-15-1	PARAMETERS OF FOCUSED ATTENTION IN THE EEG: A COMPARISON BETWEEN SHOOTERS AND NOVICES
LEUKOCYTE INFILTRATION IS NOT RELATED TO DELAYED ONSET MUSCLE SORENESS AFTER HIGH-FORCE ECCENTRIC EXERCISE AND INHIBITION OF COX-2 DOES NOT ATTENUATE LEUKOCYTE INFILTRATION		CHANGE TO ANAEROBIC TRAINING IMPROVES RUNNING ECONOMY AND HIGH INTENSITY EXERCISE PERFORMANCE IN ENDURANCE RUNNERS		Wyss, T. et al [Switzerland]	THE INFLUENCE OF STRESS AND MUSCLE FATIGUE ON IMPLICIT AND EXPLICIT MOTOR LEARNING		Finkenzeller, T. et al [Austria]		
Paulsen, G. et al [Norway]		Iaia, F.M. et al [Denmark]		15:35	[YIA] OP1-13-2	15:35	[YIA] OP1-14-2	15:35	[YIA] OP1-15-2
15:35	[YIA] OP1-11-2	15:30	[YIA] OP1-12-2	THE VALIDITY OF PREDICTING MAXIMAL OXYGEN UPTAKE FROM PERCEPTUALLY-REGULATED GRADED EXERCISE TESTS OF DIFFERENT DURATIONS	15:35	[YIA] OP1-14-2	15:35	[YIA] OP1-15-2	A TEST OF THE DUAL-MODE MODEL WITH YOUNG ADOLESCENTS
TIME-COURSE AND DIFFERENTIAL EXPRESSION OF HEAT SHOCK PROTEINS IN HUMAN SKELETAL MUSCLE FOLLOWING NON-DAMAGING TREADMILL EXERCISE: IS HEAT A MECHANISM OF ACTIVATION?		COMPARISON OF A MODEL PREDICTED MAXIMAL LACTATE STEADY STATE POWER OUTPUT TO A MEASURED MAXIMAL LACTATE STEADY STATE POWER OUTPUT IN ATHLETES		Faulkner, J. et al [United Kingdom]	SPATIAL AND TEMPORAL ADAPTATIONS ACCOMPANYING INCREASING CATCHING PERFORMANCE DURING LEARNING		Sheppard, K. et al [United Kingdom]		
Morton, J. et al [United Kingdom]		Neupert, E. et al [Canada]		15:50	[YIA] OP1-13-3	15:50	OP1-14-3	15:50	OP1-15-3
15:50	[YIA] OP1-11-3	15:45	[YIA] OP1-12-3	MULTIPLE SHORT-TERM EXERCISE SESSIONS ARE SUPERIOR TO A SINGLE SESSION IN EFFECTS ON GLUCOSE HOMEOSTASIS IN TYPE 2 DIABETES MELLITUS	15:50	OP1-14-3	15:50	OP1-15-3	INFLUENCE OF EXPECTED RUNNING DURATION OR DISTANCE ON PERCEIVED EXERTION AND ESTIMATED TIME LIMIT SCALES
EFFECT OF A FED OR FASTED STATE ON THE SALIVARY IMMUNOGLOBULIN A RESPONSE TO EXERCISE		EFFECT OF SAMPLING PROTOCOL ON RESPIRATORY DATA AND INDIRECT CALORIMETRY		Eriksen, L. et al [Denmark]	DEPENDENCE OF TARGET MUSCLE ACTIVATION ON MOTOR CORTEX EXCITABILITY CHANGES		Coquart, J. et al [France]		
Allgrove, J. et al [United Kingdom]		Alkhatib, A. et al [United Kingdom]		16:05	[YIA] OP1-13-4	16:05	OP1-14-4	16:05	OP1-15-4
16:05	[YIA] OP1-11-4	16:00	OP1-12-4	ONE HOUR CYCLE TIME TRIAL PERFORMANCE IMPROVED WITH CARBOHYDRATE MOUTH RINSE: A CENTRALLY-MEDIATED MECHANISM?	16:05	OP1-14-4	16:05	OP1-15-4	EFFECTS OF AEROBIC WATER EXERCISE ON SOMATOPHYSIOLOGICAL SYMPTOMS OF DEPRESSION
HEART RATE VARIABILITY THRESHOLDS AND HEART RATE DEFLEXION POINT DURING MAXIMAL RUNNING EXERCISE IN CIRCUMPUBERTAL BOYS: ACCURATE METHODS TO ASSESS VENTILATORY THRESHOLDS?		RELATIONSHIP BETWEEN OXYGEN UPTAKE AND OXY-HEMOGLOBIN SATURATION ON GLUTEUS MAJOR AND RECTUS FEMORIS DURING GRADED AEROBIC EXERCISE ON A NEW CARDIOVASCULAR EQUIPMENT PERFORMED IN DIFFERENT POSITIONS		Chambers, E. et al [United Kingdom]	REPROGRAMMING OF INTERCEPTIVE ACTIONS: TIME COURSE OF CORRECTIVE RESPONSES TO LARGE-SCALE PERTURBATIONS		Matinhomae, H. [Iran]		
Buchheit, M. et al [France]		Zanuso, S. et al [Italy]		16:20	OP1-13-5	16:20	OP1-14-5	16:20	OP1-15-5
16:20	[YIA] OP1-11-5	16:15	OP1-12-5	EFFECTS OF MUSIC ON CEREBRAL AND MUSCLE OXYGENATION PATTERNS DURING MAXIMAL WHEELCHAIR EXERCISE	16:20	OP1-14-5	16:20	OP1-15-5	IDENTIFYING RELATIONSHIPS BETWEEN DECELERATION CONTROL AND INTERNAL MOVEMENT REPRESENTATIONS
RELATED TRENDS IN LOCOMOTOR AND RESPIRATORY MUSCLE OXYGENATION DURING EXERCISE		COMPARISON OF THE RELIABILITY OF OPEN-VERSUS CLOSED-LOOP TREADMILL RUNNING TESTS IN WELL-TRAINED RUNNERS		Bhambhani, Y. et al [Canada]	THE EFFECTS OF AUDIENCE AND COMPETITION ON PERFORMANCE OF A NOVEL DART-AIMING TASK		Heinen, T. [Germany]		
Legrand, R. et al [France]		Laursen, P. et al [Australia]		16:30	[YIA] OP1-12-6	16:30	[YIA] OP1-14-6	16:30	[YIA] OP1-15-6
				EFFECTS OF DRY-LAND VS. RESISTED- AND ASSISTED-SPRINT EXERCISES ON SWIMMING SPRINT PERFORMANCES					
		Girold, S. et al [France]							

Lausanne	IS1-16	Innsbruck	IS1-17	St. Moritz	IS1-18	Albertville	IS1-19	Berlin ABC	IS1-20
ACL ruptures in children (Ortho/Trauma) (SGSM symposium 2)		Safety and performance in football (sponsored by Adidas)		Epithelial-sodium channel in sports		Psychology of sport injuries		Is training of reflexes possible?	
<i>Ménétreay, J. [Switzerland]</i>		<i>Gollhofer, A. [Germany]</i>		<i>Mairbaeurl, H. [Germany]</i>		<i>Seiler, R. [Switzerland]</i>		<i>Schubert, M. [Germany]</i> <i>Duysens, J. [Netherlands]</i>	
17:00	IS1-16-1	17:00	IS1-17-1	17:15	IS1-18-1	17:15	IS1-19-1	17:00	IS1-20-1
ACL RUPTURES IN CHILDREN WITH OPEN PHYSES - TREATMENT OPTION Mayer, R.R. 1, Koenig, U. 2, Widmer, H. 1, Friederich, N.F. 1 [Switzerland]		INTRODUCTION Gollhofer A. [DE]		EPITHELIAL SODIUM CHANNELS IN HEALTH AND DISEASES Rossier B. [CH]		PSYCHOLOGICAL PREDICTION ON SPORT INJURY: EMPIRICAL AND APPLIED ISSUES Johnson, U. [Sweden]		INTRODUCTION Schubert M. [DE]	
17:25	IS1-16-2	17:15	IS1-17-2	18:05	IS1-18-2	17:40	IS1-19-2	17:15	IS1-20-2
ACL RUPTURES IN CHILDREN: PROBLEMS AND FEARFUL COMPLICATIONS Seil, R. [Luxembourg]		IMPACT OF INTERVENTION PROGRAMS ON THE INCIDENCE RATE OF INJURIES IN BALL SPORTS: VOLLEYBALL AS AN EXAMPLE van Mechelen, W. et al [Netherlands]		ALVEOLAR NA-TRANSPORT AND HIGH ALTITUDE PULMONARY EDEMA (HAPE) Mairbäurl, H. [Germany]		MOOD STATES AND INJURY PREVENTION IN SPORT - EXPERIENCES FROM RESEARCH AND PRACTICE Kleinert, J. [Germany]		AN OVERVIEW OF USEFUL REFLEXES WITH SPECIAL EMPHASIS ON SPORTS Duysens, J. [Netherlands]	
17:50	IS1-16-3	17:40	IS1-17-3			18:05	IS1-19-3	17:45	IS1-20-3
CHILDREN ACL RECONSTRUCTION. SURGICAL TREATMENT : EXPERIENCES AND RESULT Chotel F. et al [France]		INJURIES IN FOOTBALL, RISK FACTORS AND PREVENTION Arnason, A. [Iceland]				NARRATIVES OF A CATASTROPHIC ATHLETIC INJURY Smith, B. [United Kingdom]		SENSORIMOTOR AND BALLISTIC STRENGTH TRAINING: SPINAL OR SUPRASPINAL NEURAL ADAPTATION? Taube, W. et al [Germany]	
18:15	IS1-16-4	18:05	IS1-17-4					18:05	IS1-20-4
DISCUSSION		THE INFLUENCE OF FOOTBALL CLEAT DESIGN ON JOINT LOADING Stefanyshyn, D. [Canada]						FROM OBSTACLE TO FALL? SENSORIMOTOR TRAINING HELPS FALL PREVENTION IN THE ELDERLY Weerdesteyn, V. et al [Netherlands]	

Oslo	OP1-16	Turin ABC	OP1-17	Berlin DE	OP1-18	Turin DE	OP1-19	Turin FG	OP1-20
Physiology 4/10		Doping 1/1		Health and Fitness 2/4		Ageing 1/1		Psychology 3/5	
<i>Wilson, A. [United Kingdom]</i>		<i>Kamber, M. [Switzerland]</i>		<i>Braun-Fahrländer, C. [Switzerland]</i>		<i>Hopman-Rock, M. [Netherlands]</i>		<i>Biddle, S. [United Kingdom]</i>	
17:05 [YIA] OP1-16-1 ACTUAL MEASUREMENT OF ALVEOLAR OXYGEN STORE CHANGES ALLOWS REDUCING VARIABILITY OF BREATH-BY-BREATH OXYGEN UPTAKE IN HUMANS Wüst, R.C. 1+2, Aliverti, A. 3, Kayser, B. 4 [Netherlands]		17:00 OP1-17-1 GOVERNMENT AND SPORT; POLICIES, STRATEGIES & DIRECTIONS Ghafouri, F. et al [Iran]		17:05 [YIA] OP1-18-1 EFFECTS OF WALKING ON DESIRE TO SMOKE AND WITHDRAWAL SYMPTOMS DURING A SMOKING CUE, AND AD LIBITUM SMOKING Katomeri, M. et al [United Kingdom]		17:05 OP1-19-1 PHYSICAL PERFORMANCE, ARTERIAL STRUCTURE AND FUNCTION IN ADVANCED AGE Welsch, M.A. 1, Arce, A.A. 1, Dobrosielski, D.A. 1, Wood, R.H. 1, Jazwinski, M. 2 [United States]		17:05 [YIA] OP1-20-1 EFFECT OF IMAGINED MOVEMENT SPEED ON SUBSEQUENT MOTOR PERFORMANCE Louis, M. et al [France]	
17:20 [YIA] OP1-16-2 THE RECOVERY OF REPEATED-SPRINT PERFORMANCE OCCURS BEFORE THE FULL RECOVERY OF MUSCLE LACTATE AND PHOSPHOCREATINE McGawley, K. et al [United Kingdom]		17:15 OP1-17-2 ON EDUCATION FOR NOBLE SPORTS RIVALRY Kosiewicz, J. [Poland]		17:20 [YIA] OP1-18-2 COMPARISON OF THE PHYSICAL CAPACITY OF NORMAL WEIGHT AND OBESE ADULTS Kümmerle, A. et al [Germany]		17:20 OP1-19-2 RELATIONSHIPS BETWEEN CAROTID-FEMORAL PULSE WAVE VELOCITY AND SPECTRAL COMPONENTS OF HEART RATE VARIABILITY IN HEALTHY OLDER MEN Perkins, G. et al [United Kingdom]		17:20 [YIA] OP1-20-2 PERCEIVED SUPPORT, COGNITIVE APPRAISAL, AND PERFORMANCE Freeman, P. et al [United Kingdom]	
17:35 [YIA] OP1-16-3 METABOLIC AND MECHANICAL CONTRIBUTIONS TO THE EXERCISE-INDUCED CIRCULATORY RESPONSE Dufour, S. et al [France]		17:30 OP1-17-3 REMOVING DRUGS FROM SPORT: IS IT TOO LATE? Freeman, W.H. [United States]		17:35 OP1-18-3 THE EFFECT OF EXERCISE TRAINING ON FAT OXIDATION AND INSULIN SENSITIVITY IN OBESE MEN Venables, M.C. et al [United Kingdom]		17:35 OP1-19-3 INSULIN RESISTANCE OF AGING: EFFECTS OF EXERCISE AND WEIGHT LOSS Amati, F. 1+2, Dubé, J. 1, Stefanovic-Racic, M. 1, Toledo, F. 1, Goodpaster, B. 1 [United States]		17:35 OP1-20-3 MOOD CHANGES AS A RELIABLE INDICATOR OF PHYSICAL STRESS AND OVERTRAINING Birrer, D. et al [Switzerland]	
17:50 OP1-16-4 PHYSIOLOGICAL ADAPTATIONS TO ENDURANCE TRAINING IN ELITE CYCLISTS García-Zapico, A. et al [Spain]		17:45 OP1-17-4 HOW EFFECTIVE ARE THE ANTI-DOPING CAMPAIGN? Hanstad, D.V. [Norway]		17:50 OP1-18-4 OSTEOGENIC INDEX OF STEP EXERCISE Velo, A. et al [Portugal]		17:50 OP1-19-4 PERSISTENCE IN EXERCISE DECREASES WEIGHT GAIN IN ADULTS. A 30-YEAR LONGITUDINAL STUDY IN TWIN PAIRS DISCORDANT FOR LEISURE TIME PHYSICAL ACTIVITY Backman, K. 1, Kaprio, J. 2, Kujala, U.M. 1 [Finland]		17:50 [YIA] OP1-20-4 VISUAL SEARCH STRATEGY AND DECISION-MAKING SKILL IN YOUTH SOCCER: A CONSTRAINTS-BASED APPROACH Vaeyens, R. 1, Lenoir, M. 1, Williams, A.M. 2, Philippaerts, R.M. 1 [Belgium]	
18:05 [YIA] OP1-16-5 PATTERN, MAGNITUDE AND RELIABILITY OF STRAIN OF ULTRA-ENDURANCE (>24 H) COMPETITION Lucas, S.J. et al [New Zealand]		18:00 OP1-17-5 THE TURKISH ATHLETES ATTITUDES TOWARDS DOPING. WHY DO THEY USE? Karli, U. et al [Turkey]		18:05 [YIA] OP1-18-5 POPULATION-BASED STEP COUNTS IN BELGIUM: COMPARISON BETWEEN DEMOGRAPHIC VARIABLES De Cocker, K. et al [Belgium]		18:05 OP1-19-5 INFLUENCE OF MAXIMAL POWER DETERMINANTS ON ELDERLY WOMEN PHYSICAL PERFORMANCE Cléménçon, M. et al [France]		18:05 OP1-20-5 PATTERNS IN THE DEVELOPMENT OF ELITE PERFORMANCE IN ACROBATIC SPORT Hauw, D. et al [France]	

Athene	IS2-01	Innsbruck	IS2-02	St. Moritz	IS2-03	Albertville	IS2-04	Berlin ABC	IS2-05
Alinghi: sport as driving force for people and technology (sponsored by UBS) <i>Vuilliamenet, P. [Switzerland]</i>		Public health approaches to physical activity promotion <i>Martin, B. [Switzerland] Dela, F. [Denmark]</i>		High altitude medicine EFSM exchange symposia <i>Bärtsch, P. [Germany]</i>		An Update of Female Athlete Triad (sponsored by Gatorade) <i>Meyer, N. [United States]</i>		Testing of athletes - waste or value <i>Müller, E. [Austria]</i>	
09:55 ALINGHI AS A TEAM Karcher, C. [Spain]	IS2-01-1	09:45 PRINCIPLES OF PHYSICAL ACTIVITY PROMOTION IN PUBLIC HEALTH, THE IDEA OF HEPA EUROPE Racioppi F. [IT]	IS2-02-1	09:40 HIGH ALTITUDE MEDICINE: CLINICAL OVERVIEW Bärtsch, P. [Germany]	IS2-03-1	09:40 WELCOME AND INTRODUCTION OF SPEAKERS Meyer N. [US]	IS2-04-1	09:55 AIMS AND LIMITS OF TESTING IN (ENDURANCE) SPORTS Hartmann, U. [Germany]	IS2-05-1
10:20 TECHNOLOGY BEHIND THE ALINGHI AMERICA'S CUP TEAM Simmer, G. [Spain]	IS2-01-2	10:10 ENVIRONMENT AND PHYSICAL ACTIVITY van Poppel, M. et al [Netherlands]	IS2-02-2	10:10 A ROLE FOR REACTIVE OXYGEN SPECIES IN THE PATHOPHYSIOLOGY OF HIGH ALTITUDE ILLNESS? Bailey, D. et al [United Kingdom]	IS2-03-2	09:40 INTRODUCTION AND HISTORY OF THE FEMALE ATHLETE TRIAD Manore M. [US]	IS2-04-2	10:20 PSYCHOLOGICAL DIAGNOSTICS AND EVALUATION IN ELITE SPORTS Amesberger, G. [Austria]	IS2-05-2
10:45 THE ROLE OF EPFL AS SCIENTIFIC ADVISOR FOR ALINGHI Vuilliamenet, P. et al [Switzerland]	IS2-01-3	10:35 HEALTH ECONOMIC CONSEQUENCES OF PHYSICAL ACTIVITY Sorensen, J. [Denmark]	IS2-02-3	10:40 NO, THE KEY TO UNDERSTANDING THE PATHOPHYSIOLOGY OF HIGH ALTITUDE PULMONARY EDEMA Scherrer, U. et al [Switzerland]	IS2-03-3	09:45 ENERGY AVAILABILITY AND MENSTRUAL DYSFUNCTION Manore, M. [United States]	IS2-04-3	10:45 THE USE OF SUB-MAXIMAL AND MAXIMAL YO-YO INTERMITTENT ENDURANCE TESTS IN SOCCER Krustrup, P. et al [Denmark]	IS2-05-3
		11:00 SPORTS PARTICIPATION IN THE UK: THEORETICAL REVIEW AND EMPIRICAL ANALYSIS Downward, P. et al [United Kingdom]	IS2-02-4			10:05 DISORDERED EATING IN ATHLETES Sundgot-Borgen, J. [Norway]	IS2-04-4		
						10:25 BONE HEALTH Meyer, N.L. et al [United States]	IS2-04-5		
						10:45 TREATMENT AND PREVENTION Meyer N. [US]	IS2-04-6		
						10:55 SUMMARY AND DISCUSSION	IS2-04-7		

Oslo	OP2-01	Turin ABC	OP2-02	Berlin DE	OP2-03	Turin DE	OP2-04	Turin FG	OP2-05
Physiology 5/10		Training and Testing 2/7		Nutrition 1/2		Molecular Biology 1/2		Rehabilitation, Physiotherapy and Traumatology 1/2	
<i>Lindstedt, S. [United States]</i>		<i>Heyer, L. [Switzerland]</i>		<i>Kiens, B. [Denmark]</i>		<i>Radak, Z. [Hungary]</i>		<i>Cabri, J. [Portugal]</i>	
09:45 [YIA] OP2-01-1 GREATER LEG LACTATE EFFLUX VERSUS PYRUVATE EFFLUX DURING STEADY-STATE CYCLING IN BOTH NORMOXIC AND HYPEROXIC CONDITIONS Stellingwerff, T. et al [Canada]		09:40 [YIA] OP2-02-1 KINEMATIC MATCH ANALYSIS IN BEACH SOCCER Trauner, T. et al [Austria]		09:45 [YIA] OP2-03-1 CO-INGESTION OF PROTEIN AND LEUCINE STIMULATES MUSCLE PROTEIN SYNTHESIS IN YOUNG AND ELDERLY MEN Koopman, R. et al [Netherlands]		09:45 [YIA] OP2-04-1 EFFECTS OF HIGH-INTENSITY TRAINING ON MCT1, MCT4 AND NBC1 EXPRESSION IN SKELETAL MUSCLE IN RATS Thomas-Junius, C. et al [France]		09:45 [YIA] OP2-05-1 ANALYSIS BETWEEN DECOMPENSATED GLOBAL MUSCULAR STRETCHING AND PROPRIOCEPTION ACTIVITY IN THE POSTURE AND EQUILIBRIUM CONTROL Cairo, S. et al [Italy]	
10:00 [YIA] OP2-01-2 CAFFEINE REDUCES EFFECTS OF HYPERTHERMIA IN CENTRAL FATIGUE DURING EXERCISE IN THE HEAT Del Coso, J. et al [Spain]		09:55 [YIA] OP2-02-2 THE EFFECT OF A ONE-PIECE COMPETITION SPEED SUIT DURING THE SWIM-CYCLE INTERACTION OF A SPRINT DISTANCE TRIATHLON Peeling, P. et al [Australia]		10:00 [YIA] OP2-03-2 THE EFFECT OF ANTIOXIDANT VITAMIN SUPPLEMENTATION FOR 4 WEEKS ON OXIDATIVE STRESS AND IMMUNOENDOCRINE RESPONSES TO PROLONGED CYCLING Davison, G. et al [United Kingdom]		10:00 [YIA] OP2-04-2 THE MECHANO-SENSOR FOCAL ADHESION KINASE (FAK) GOVERNS THE SLOW OXIDATIVE EXPRESSION PROGRAM IN ANTI-GRAVITATION RAT SOLEUS MUSCLE Durieux, A.C. et al [Switzerland]		10:00 OP2-05-2 A RANDOMIZED CONTROLLED TRIAL OF ELBOW MANIPULATION AND EXERCISE, CORTICOSTEROID INJECTION AND WAIT AND SEE FOR TENNIS ELBOW WITH 12 MONTH FOLLOW-UP Bisset, L. et al [Australia]	
10:15 [YIA] OP2-01-3 VO ₂ KINETICS DURING HIGH INTENSITY CONSTANT EXERCISE : A FOURTH PHASE? Leclair, E. et al [France]		10:10 [YIA] OP2-02-3 DROP JUMPING ABILITY IMPROVEMENT INDUCED BY BACKWARD-DOWNHILL PLYOMETRICS Kannas, T. et al [Greece]		10:15 [YIA] OP2-03-3 GENETIC POLYMORPHISM AND INDIVIDUALIZATION OF YOUNG ATHLETES' NUTRITION Topanova, A. et al [Russia]		10:15 [YIA] OP2-04-3 REGULATION OF MUSCLE FIBER TYPE COMPOSITION BY GENE POLYMORPHISMS Ahmetov, I. et al [Russia]		10:15 OP2-05-3 RECONSTRUCTION OF TALAR OSTEOCHONDRAL LESIONS WITH MOSAICPLASTY FROM THE KNEE JOINT Leumann, A. et al [Switzerland]	
10:30 [YIA] OP2-01-4 SEX DIFFERENCES IN MUSCLE ENERGETICS DURING INCREMENTAL KNEE-EXTENSOR EXERCISE IN 9-12 YEAR OLD CHILDREN Barker, A. et al [United Kingdom]		10:25 [YIA] OP2-02-4 SUITABILITY OF MAXIMAL ECCENTRIC STRENGTH TRAINING IN ATHLETICS Scholz, K. [Germany]		10:45 OP2-03-4 NUTRITIONAL INTERVENTION IN TRACK AND FIELD JUMPERS, MIDDLE DISTANCE RUNNERS AND DECATHLETES Torres, A. et al [Spain]		10:30 [YIA] OP2-04-4 RELOCALIZATION AND UPREGULATION OF HSP70 AFTER MUSCLE DAMAGING ECCENTRIC EXERCISE Bayer, M.L. et al [Norway]		10:30 OP2-05-4 THE PERCUTANEOUS SUTURE FOR THE RUPTURE OF THE ACHILLES' TENDON IN A MODIFIED TECHNIQUE - A USEFUL ALTERNATIVE FOR AVOIDANCE OF DAMAGE OF THE SURALIS NERVE- Baraliakos, X. et al [Germany]	
10:45 OP2-01-5 SKELETAL MUSCLE OXYGENATION TRENDS, MOTOR UNIT RECRUITMENT PATTERNS AND TIME-LIMIT AT POWER OUTPUT CORRESPONDING TO VO ₂ MAX FOLLOWING MAXIMAL LACTATE STEADY STATE IN CYCLISTS Lajoie, C. et al [Canada]		10:55 OP2-02-6 EFFECTS OF A BICYCLE SPECIFIC STRENGTH ENDURANCE TRAINING WITH AND WITHOUT VIBRATION Kleinöder, H. et al [Germany]		11:00 [YIA] OP2-03-5 MUSCLE GLYCOGEN SYNTHESIS WITH COMBINED GLUCOSE AND FRUCTOSE INGESTION AFTER EXHAUSTIVE EXERCISE Wallis, G. et al [United Kingdom]		10:45 [YIA] OP2-04-5 SHORT-TERM EFFECTS OF NORMOBARIC HYPOXIA AND EXERCISE ON ANGIOGENIC/VASCULOGENIC GROWTH FACTORS AND ENDOTHELIAL PROGENITOR CELLS Wahl, P. et al [Germany]		10:45 OP2-05-5 EXPOSURE IN ALPINE SKI RACING - REASONS FOR KNEE INJURIES AND OTHER SEVERE TRAUMAS Spitzenpfeil, P. et al [Germany]	

Athene	IS2-06	Innsbruck	IS2-07	St. Moritz	IS2-08	Albertville	IS2-09	Berlin ABC	IS2-10
The World Antidoping Code: from implementation to future challenges		Physical activity promotion through primary care		High altitude training		Decision making in collective sport		Sport and rehabilitation engineering for feel and control	
<i>Kamber, M. [Switzerland]</i>		<i>Dela, F. [Denmark]</i>		<i>Bärtsch, P. [Germany]</i>		<i>Seiler, R. [Switzerland]</i>		<i>Bourban, P. [Switzerland]</i>	
11:45	IS2-06-1	11:55	IS2-07-1	11:55	IS2-08-1	11:55	IS2-09-1	11:55	IS2-10-1
INTERNATIONAL STANDARDS FOR LABORATORIES Saugy, M. [Switzerland]		REDUCING RISK FACTORS BY EXERCISE IN GENERAL PRACTICE Fritz T. [SE]		ALTITUDE TRAINING: IS HIGH-HIGH OR HIGH-LOW BETTER THAN LOW-LOW? Friedmann, B. [Germany]		ASSESSING COLLECTIVE DECISION MAKING IN SPORT BY A POSTERIORI METHODS: CASE STUDY IN TEAM HANDBALL Lenzen, B. 1, Theunissen, C. 2, Cloes, M. 2 [Switzerland]		MATHEMATICAL MODELS IN SPORT PHYSIOLOGY Quarteroni, A. et al [Switzerland]	
12:10	IS2-06-2	12:20	IS2-07-2	12:20	IS2-08-2	12:20	IS2-09-2	12:20	IS2-10-2
INTERNATIONAL STANDARD FOR TUE, A MEDICAL APPROACH OF THE FIGHT AGAINST DOPING Garnier A. [CH]		A QUALITATIVE APPROACH TO THE DEVELOPMENT OF PHYSICAL ACTIVITY PROMOTION IN PRIMARY CARE Bize, R. et al [Switzerland]		POTENTIAL MECHANISMS ACCOUNTING FOR PERFORMANCE IMPROVEMENT BY HIGH-HIGH OR LOW-LOW Bärtsch, P. [Germany]		DECISION-MAKING OF ELITE RUGBY PLAYERS IN GAME SITUATIONS Mouchet, A. [France]		BODY FIXED SENSORS AND THEIR APPLICATION IN SPORT SCIENCE Aminian, K. et al [Switzerland]	
12:35	IS2-06-3	12:45	IS2-07-3	12:45	IS2-08-3	12:45	IS2-09-3	12:45	IS2-10-3
INTERNATIONAL STANDARD FOR THE PROHIBITED LIST, THE VIEW OF INTERNATIONAL FEDERATIONS Alonso, J.M. [Spain]		EXERCISE ON PRESCRIPTION (EOP) - DANISH EXPERIENCES Puggaard L. [DK]		TRAINING IN HYPOXIA FOR SEA LEVEL PERFORMANCE: POTENTIAL MECHANISMS AND EVIDENCE Vogt, M. et al [Switzerland]		FOOTBALL PLAYERS' MENTAL REPRESENTATIONS OF GAME SCENARIOS: DOES EXPERTISE COUNT? A PSYCHOLINGUISTIC INVESTIGATION Gygax, P. [Switzerland]		FUNCTIONAL COMPOSITE MATERIALS FOR IMPROVED FEEL AND CONTROL Fischer, C. et al [Switzerland]	
13:00	IS2-06-4								
CHANGES IN PUBLIC PERCEPTION OF DOPING IN SPORT IN SWITZERLAND 1995-2004 Kamber, M. et al [Switzerland]									

Oslo	OP2-06	Turin ABC	OP2-07	Berlin DE	OP2-08	Turin DE	OP2-09	Turin FG	OP2-10
Physiology 6/10		Training and Testing 3/7		Sports Medicine 3/4		Biochemistry 1/1		Physical Education and Pedagogics 1/2	
<i>Ferretti, G. [Switzerland]</i>		<i>Krustrup, P. [Denmark]</i>		<i>Kriemler, S. [Switzerland]</i>		<i>Mairbaeurl, H. [Germany]</i>		<i>Klissouras, V. [Greece]</i>	
11:45	[YIA] OP2-06-1	11:40	[YIA] OP2-07-1	11:45	[YIA] OP2-08-1	11:45	OP2-09-1	11:45	[YIA] OP2-10-1
BODY PLETHYSMOGRAPHY AT HIGH ALTITUDE (4559 M): NO EVIDENCE FOR INTERSTITIAL PULMONARY EDEMA IN MOUNTAINEERS WITH AND WITHOUT ACUTE MOUNTAIN SICKNESS		EFFECTS OF WHOLE BODY ELECTRO STIMULATION TRAINING AND TRADITIONAL STRENGTH TRAINING ON VARIOUS STRENGTH AND BLOOD PARAMETER IN JUVENILE ELITE WATER POLO PLAYERS		CARDIOVASCULAR (CV) EFFECT OF RECOMBINANT HUMAN ERYTHROPOIETIN ADMINISTRATION IN TRAINED RATS WITH CV RISK FACTOR		THE EXPRESSION OF VEGF IN YOUNG AND ELDERLY WOMEN AND MEN		THE ROLE OF PHYSICAL ACTIVITY IN INTEGRATED CHILD'S DEVELOPMENT AND STUDY PERFORMANCE	
Schendler, G. et al [Germany]		Kreuzer, S. et al [Germany]		Pellegrin, M. et al [France]		Kadi, F. et al [Sweden]		Zurc, J. [Slovenia]	
12:00	[YIA] OP2-06-2	11:55	[YIA] OP2-07-2	12:00	[YIA] OP2-08-2	12:00	OP2-09-2	12:00	[YIA] OP2-10-2
EFFECT OF COLD WATER IMMERSION ON CORE BODY TEMPERATURE, MUSCLE FUNCTION, AND LOWER LIMB BLOOD FLOW FOLLOWING PROLONGED ENDURANCE CYCLING IN THE HEAT		SHORT TERM EFFECTS OF SENSORIMOTOR TRAINING ON POSTURAL REFLEXES IN PARKINSON'S DISEASE		SPORT AND GENDER: IS THERE A DIFFERENT INTERACTION ON HEART RATE AND VENTRICULAR REPOLARIZATION?		CHANGES IN SERUM CYTOKINES AFTER REPEATED BOUTS OF DOWNHILL RUNNING		LONGER-TERM EFFECTS OF A PLAYGROUND MARKINGS INTERVENTION ON SCHOOL CHILDREN'S PLAYTIME PHYSICAL ACTIVITY	
Peiffer, J. et al [Australia]		Turbanski, S. et al [Germany]		Zaccaria, D. 1, Bottinelli, R. 1, Stramba-Badiale, M. 3, Rossi, E. 2, Genovesi, S. 2 [Italy]		Smith, L. et al [South Africa]		Ridgers, N. et al [United Kingdom]	
12:15	[YIA] OP2-06-3	12:10	[YIA] OP2-07-3	12:15	OP2-08-3	12:15	OP2-09-3	12:15	OP2-10-3
TIME COURSE OF MUSCULAR, CONNECTIVE TISSUE AND NEURAL ADAPTATIONS TO UNILATERAL LOWER-LIMB UNLOADING		ADIPOCYTOKINE RESPONSE TO ROWING AT INDIVIDUAL ANAEROBIC THRESHOLD		CAROTID INTIMA MEDIA THICKNESS IN OBESE CHILDREN AND ADOLESCENTS - A NON INVASIVE DIAGNOSTIC INDICATOR OF CARDIOVASCULAR HEALTH IN REHABILITATIVE INTERVENTION PROGRAMS		CHRONIC NAHCO3 INGESTION DURING INTERVAL-TRAINING RESULTS IN GREATER IMPROVEMENTS IN MITOCHONDRIAL RESPIRATION AND ENDURANCE PERFORMANCE		BURNOUT LEVELS AND THEIR DETERMINANTS IN A SAMPLE OF ITALIAN PE TEACHERS	
de Boer, M. et al [United Kingdom]		Mäestu, J. et al [Estonia]		Boehm, B. et al [Germany]		Bishop, D. et al [Australia]		Carraro, A. [Italy]	
12:30	OP2-06-4	12:25	OP2-07-4	12:30	OP2-08-4	12:30	[YIA] OP2-09-4	12:30	OP2-10-4
ORAL ADMINISTRATION OF VITAMIN C JEOPARDIZES TRAINING EFFICIENCY IN RATS AND IN HUMANS		A QUANTITATIVE AND QUALITATIVE STUDY OF VOLLEYBALL DEVELOPMENT IN THE OLYMPIC GAMES		CLASSIFICATION FOR VISUALLY IMPAIRED ATHLETES - AN INTERIM REPORT		STEWART'S SIMPLIFIED EQUATION TO ASSESS THE ACID-BASE STATUS		COMPARATIVE ANALYSIS OF RECEIVING AND PASSING THE BALL IN THE EUROPEAN FOOTBALL CHAMPIONSHIPS SWEDEN 1992 AND BELGIUM-NETHERLANDS 2000	
Gomez-Cabrera, M.-C. et al [Spain]		Salimi Avansar, A. et al [Germany]		Janda, S. et al [Germany]		Peinado, A.B. et al [Spain]		Mavrek, S. et al [Croatia]	
12:45	OP2-06-5	12:40	[YIA] OP2-07-5	12:45	OP2-08-5	12:45	OP2-09-5	12:45	OP2-10-5
EFFECTS OF HYPOXIA ON EXERCISE-INDUCED DIAPHRAGMATIC FATIGUE IN HIGHLY TRAINED ATHLETES EXHIBITING EXERCISE-INDUCED ARTERIAL HYPOXEMIA		SPORT SCIENCE SUPPORT IN ELITE SPORT - IS THERE A LESSON TO BE LEARNED FROM SUCCESSFUL SPORT SYSTEMS AS TO HOW TO GET THE KNOWLEDGE FROM THE LAB ONTO THE TRACK?		THE EFFECTS OF PLAYING RUGBY ON NECK FUNCTION		SALIVA PROTEIN PATTERN, A NEW LABORATORY INVESTIGATION TOOL FOR ATHLETES		THE LIMITS OF SCIENCE: A JUSTIFICATION FOR THE ART OF COACHING	
Athanasopoulos, D. et al [Greece]		Böhle, N. [United Kingdom]		Lark, S. et al [United Kingdom]		De Palo, E.F. et al [Italy]		Freeman, W.H. [United States]	

Athene	IS2-11	Innsbruck	IS2-12	St. Moritz	IS2-13	Albertville	IS2-14	Berlin ABC	IS2-15
Blood and performance		Nutritional interventions to improve post-exercise protein anabolism (sponsored by Lucozade Sport Science Academy)		Measuring „real“ breath-by-breath gas exchange		Development of interpersonal relations in sport		Eccentric exercise as novel training modality	
<i>Schmidt, W. [Germany]</i>				<i>Kayser, B. [Switzerland]</i> <i>di Prampero, P. [Italy]</i>		<i>Alfermann, D. [Germany]</i>		<i>Perrig, W. [Switzerland]</i>	
15:15 BLOOD - THE LIMITING FACTOR OF AEROBIC PERFORMANCE? Schmidt, W. [Germany]	IS2-11-1	15:20 OPTIMIZING POST-EXERCISE PROTEIN SYNTHESIS: SPORTS NUTRITION IN ATHLETES Tipton, K. [United Kingdom]	IS2-12-1	15:15 INTRODUCTION	IS2-13-1	15:30 PARENTAL SUPPORT AND TALENT DEVELOPMENT Serpa, S. et al [Portugal]	IS2-14-1	15:30 THE POSITIVES OF NEGATIVES: ECCENTRIC TRAINING FOR FRAIL ELDERLY Lindstedt, S.L. et al [United States]	IS2-15-1
15:40 BLOOD MANIPULATION AND AEROBIC PERFORMANCE Berglund B. [SE]	IS2-11-2	15:45 OPTIMIZING SHORT-TERM RECOVERY: POST-EXERCISE PROTEIN INGESTION Betts, J. A. [United Kingdom]	IS2-12-2	15:20 BREATH BY BREATH GAS EXCHANGE: GETTING IT RIGHT Capelli, C. et al [Italy]	IS2-13-2	15:55 THE EMOTIONAL SIDE OF COACH-ATHLETE RELATIONSHIP AS PERCEIVED BY SWISS MALES SWIMMERS Antonini Philippe, R. et al [Switzerland]	IS2-14-2	15:55 SLIMMER AND STRONGER - THE EFFECT OF ECCENTRIC EXERCISE IN THE ELDERLY Däpp, C. et al [Switzerland]	IS2-15-2
16:05 TOTAL HAEMOGLOBIN MASS - A PROMISING PARAMETER TO DETECT BLOOD MANIPULATION Prommer, N. [Germany]	IS2-11-3	16:10 NUTRITIONAL INTERVENTIONS TO IMPROVE POST-EXERCISE PROTEIN ANABOLISM van Loon, L. [Netherlands]	IS2-12-3	15:45 OPTO-ELECTRONIC PLETHYSMOGRAPHY AS A MEANS TO MEASURE 'REAL' BBB ALVEOLAR GAS EXCHANGE Aliverti, A. [Italy]	IS2-13-3	16:20 FAMILY INFLUENCES ON CAREER DEVELOPMENT IN SPORT Alfermann, D. [Germany]	IS2-14-3	16:20 THE IMPACT OF ECCENTRIC EXERCISE ON SELECTED COGNITIVE MEASURES IN THE ELDERLY Buschkuhl, M. et al [Switzerland]	IS2-15-3
16:20 IMPACT OF BLOOD QUALITY ON PERFORMANCE Böning, D. [Germany]	IS2-11-4			16:10 INTRA-BREATH ASPECTS OF BREATH-BY-BREATH GAS EXCHANGE MEASUREMENTS Rocker, K. [Germany]	IS2-13-4				
				16:35 DISCUSSION	IS2-13-5				

Oslo	OP2-11	Turin ABC	OP2-12	Berlin DE	OP2-13	Turin DE	OP2-14	Turin FG	OP2-15
Physiology 7/10		Training and Testing 4/7		Health and Fitness 3/4		Motor Learning 2/2		Rehabilitation, Physiotherapy and Traumatology 2/2	
<i>Mairbaeurl, H. [Germany]</i>		<i>Amesberger, G. [Austria]</i>		<i>Andersen, L. [Norway]</i>		<i>Huys, R. [France]</i>		<i>Clijisen, R. [Switzerland]</i>	
15:20	OP2-11-1	15:15	OP2-12-1	15:15	OP2-13-1	15:20	OP2-14-1	15:20	OP2-15-1
THE EFFECT OF NSAID INGESTION ON SATELLITE CELL PROLIFERATION IN HUMANS IN RESPONSE TO A 36KM RUN Mackey, A. et al [Denmark]		20-HZ WHOLE BODY VIBRATION TRAINING FAILS TO COUNTERACT NEGATIVE EFFECTS OF 14 DAYS OF BED REST ON MUSCLE PERFORMANCE Liphardt, A.-M. et al [Germany]		„TO GET GERMANY MOVING“- AIMS, TARGET-GROUPS, PROGRAMS, EVIDENCE OF HEALTH-SPORT Brehm, W. et al [Germany]		CONTEXTUAL-INTERFERENCE-APPROACH VERSUS DIFFERENTIAL-LEARNING-APPROACH Birklbauer J. et al [Austria]		TRUNK STABILITY TRAINING IN CHRONIC LUMBAGO Sarabon, N. et al [Slovenia]	
15:35	OP2-11-2	15:30	OP2-12-2	15:30	OP2-13-2	15:35	OP2-14-2	15:35	OP2-15-2
THE DOSE-RESPONSE OF INHALED BETA2-AGONISTS ON ATHLETIC PERFORMANCE IN NON-ASTHMATIC COMPETITIVE ATHLETES Sporer, B.C. et al [Canada]		EFFECT OF CONCENTRIC AND ECCENTRIC RESISTANCE TRAINING, AND DETRAINING, ON THE RATE OF FORCE DEVELOPMENT OF HUMAN SKELETAL MUSCLE Blazevich, A.J. et al [United Kingdom]		SELF-REPORT PHYSICAL ACTIVITY LEVEL IN RELATION TO MAXIMUM OXYGEN UPTAKE IN A VOLUNTEER SAMPLE OF ADULT MEN AND WOMEN Aadahl, M. et al [Denmark]		ERRORLESS LEARNING AND TRANSFER TO NOVEL TASK VARIATIONS: A SWITCH FROM IMPLICIT TO EXPLICIT CONTROL? Maxwell, J.P. et al [Hong Kong]		MUSCLE STRENGTH AND FUNCTIONAL PERFORMANCE IN PERSONS WITH HEMIPARESIS: EFFECT OF HEAVY-LOAD RESISTANCE TRAINING Andersen, L.L. et al [Denmark]	
15:50	OP2-11-3	15:45	OP2-12-3	15:45	OP2-13-3	15:50	OP2-14-3	15:50	OP2-15-3
ACE GENE EXPRESSION AFTER A TRAINING BOUT OF FENCING NATIONAL TEAM PLAYERS Heshmat, H. et al [Egypt]		LOADING CONDITIONS AND NEUROMUSCULAR ACTIVITY DURING „TURN MOVEMENTS“ IN ALPINE SKIING AND IN A NEW SKI SIMULATOR Pozzo, R. et al [Italy]		WHICH ENVIRONMENTAL VARIABLES SUPPORT/INHIBIT PHYSICALLY ACTIVE COMMUTING IN URBAN AREAS? Schantz, P. et al [Sweden]		NEUROMUSCULAR TRAINING MAY DECREASE THE RISK OF ACL-INJURY DURING SIDECUTTING MANOEUVRES BY INCREASING MEDIAL HAMSTRING ACTIVITY Zebis, M.K. et al [Denmark]		INTRAMENISCAL TEARS IN SPORTS MEDICINE - COMPARISON OF PRE-OPERATIVE CLINICAL AND MRI FINDINGS WITH ARTHROSCOPIC FINDINGS AND RELATIONSHIP TO THE CLINICAL OUTCOME AFTER ARTHROSCOPY – Baraliakos, X. et al [Germany]	
16:05	OP2-11-4	16:00	OP2-12-4	16:00	OP2-13-4	16:05	OP2-14-4	16:05	OP2-15-4
THE EFFECT OF A BRIEF SPRINT INTERVAL EXERCISE ON GROWTH FACTORS AND INFLAMMATORY MEDIATORS Meckel Y. et al [Israel]		BLOOD LACTATE CONCENTRATION AFTER SLALOM COURSE OF DIFFERENT LENGTH Dolenec, A. et al [Slovenia]		MOTHERS ARE KEY DETERMINANTS OF PHYSICAL ACTIVITY IN YOUNG CHILDREN McKee, D.P. et al [United Kingdom]		WEIGHT SHIFTING TRAINING IMPROVES SYMMETRY BUT NOT OVERALL POSTURAL SWAY OF STATIC BALANCE IN THE ELDERLY Amiridis, I.G. 1, Nikodelis, T. 2, Hatzitaki, V. 3 [Greece]		THE ROLE OF CONFIDENCE IN REHABILITATION FROM ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION Waters, A. et al [United Kingdom]	
16:20	OP2-11-5	16:15	OP2-12-5	16:15	OP2-13-5	16:20	OP2-14-5	16:20	OP2-15-5
THE EFFECT OF LEUKOCYTE ACCUMULATION IN EXERCISED MUSCLES ON RECOVERY OF MUSCLE FUNCTION AFTER HIGH-FORCE ECCENTRIC EXERCISE IN HUMANS Raastad, T. et al [Norway]		EFFECTS OF COLD WATER IMMERSION ON MARKERS OF RECOVERY, PERFORMANCE AND TRAINING QUALITY IN WELL-TRAINED TRIATHLETES Rowell, G. et al [Australia]		DETECTION OF SHORT WALKING EPISODES IN DAILY LIFE BY MEANS OF A NEW ACCELEROMETRIC APPROACH Terrier, P. et al [Switzerland]		ARE WEIGHT AND SIZE OF THE FOOTBALL CRUCIAL FOR DEVELOPING GOOD KICKING SKILL? Loffesnes, J.M. et al [Norway]		ADAPTATION OF THE MUSCLE TENDON JUNCTION TO EXERCISE: REACTIONS OF THE COLLAGEN FIBRILS Michna, H. et al [Germany]	

Athene	IS2-16	Innsbruck	IS2-17	St. Moritz	IS2-18	Albertville	IS2-19	Berlin ABC	IS2-20
Truth and scientific explanation: Some controversies <i>McNamee, M. [United Kingdom]</i>		Carbohydrate metabolism, nutrition and gender differences (sponsored by Nestle-Nutrition) <i>Jeukendrup, A. [United Kingdom]</i>		Physical activity and the elderly <i>Hopman-Rock, M. [Netherlands]</i>		Delivering psychology services to top level sport <i>Wylleman, P. [Belgium]</i>		Tendon and ligaments <i>Komi, P. [Finland]</i>	
17:15 PARADIGMS AND POSSIBILITIES McFee G. [UK]	IS2-16-1	17:15 CARBOHYDRATE METABOLISM DURING EXERCISE Jeukendrup A. [UK]	IS2-17-1	17:15 CHANGES OF PHYSICAL ACTIVITY HABITS AMONG ELDERLY POPULATION Schena, F. et al [Italy]	IS2-18-1	17:15 SKEET SHOOTING ATHLETES' PSYCHOLOGICAL PREPARATION: AIMS AND CONTENT OF THEIR MENTAL IMAGERY USE Psychountaki, M. [Greece]	IS2-19-1	17:00 INTRODUCTION Komi P. [FI]	IS2-20-1
17:40 TRUTH AND SPORT SCIENCE RESEARCH: PROBLEMS WITH THE RELATIVIST TURN Bailey, R. [United Kingdom]	IS2-16-2	17:40 GENDER DIFFERENCES IN MUSCLE METABOLISM DURING EXERCISE Kiens, B. [Denmark]	IS2-17-2	17:40 HOW TO ASSESS PHYSICAL ACTIVITY IN ELDERLY? Vuillemin, A. [France]	IS2-18-2	17:40 PERFORMANCE ENHANCEMENT ISSUES IN SPORT PSYCHOLOGY CONSULTING: SEVENTEEN CASES SUMMARY Johnson, U. et al [Sweden]	IS2-19-2	17:15 TENDON ADAPTATIONS TO LONG-TERM DISUSE Narici, M. et al [United Kingdom]	IS2-20-2
18:05 THE TRUTH ABOUT OBESITY AND CHRONIC DISEASE: THE MEDICO-DARWINIAN PARADIGM Batterham, A. [United Kingdom]	IS2-16-3	18:05 QUANTITY OF CARBOHYDRATE INGESTED AFFECTS EXOGENOUS AND ENDOGENOUS CARBOHYDRATE UTILIZATION DURING EXERCISE IN TRAINED WOMEN Wallis, G.A. et al [United Kingdom]	IS2-17-3	18:05 CHALLENGES IN IMPLEMENTATION OF PHYSICAL ACTIVITY PROGRAMS FOR THE ELDERLY Hopman-Rock, M. [Netherlands]	IS2-18-3	18:05 A DEVELOPMENTAL APPROACH TO MENTAL SKILLS TRAINING OF TALENTED YOUNG TENNIS PLAYERS Wylleman, P. et al [Belgium]	IS2-19-3	17:40 INFLUENCE OF EXHAUSTIVE FATIGUE ON STRETCH RESPONSE OF THE MUSCLE-TENDON UNIT Nicol, C. et al [France]	IS2-20-3
								18:05 CURRENT ISSUES IN THE TREATMENT OF TENDINOPATHY Kjaer, M. [Denmark]	IS2-20-4

Oslo	OP2-16	Turin ABC	OP2-17	Berlin DE	OP2-18	Turin DE	OP2-19	Turin FG	OP2-20
Physiology 8/10 <i>di Prampero, P. [Italy]</i>		Training and Testing 5/7 <i>Fuchslocher, J. [Switzerland]</i>		Health and Fitness 4/4 <i>Bringolf-Isler, B. [Switzerland]</i>		Biomechanics 3/4 <i>Narici, M. [United Kingdom]</i>		Physical Education and Pedagogics 2/2 <i>Serpa, S. [Portugal]</i>	
17:05 DIFFERENCES IN INTRAMYOCYELLULAR LIPIDS UTILIZATION IN THIGH AND CALF MUSCLES DURING ENDURANCE EXERCISE DETERMINED BY 1H-MR SPECTROSCOPIC IMAGING Zehnder, M. et al [Switzerland]	OP2-16-1	17:05 NO DIFFERENCE IN TIME TO EXHAUSTION AT MAXIMAL LACTATE STEADY STATE BETWEEN CYCLING AND RUNNING Fontana, P. et al [Switzerland]	OP2-17-1	17:20 WALKING AND CYCLING BEHAVIOUR OF CHILDREN AND YOUNG ADULTS IN SWITZERLAND: RESULTS FROM THE TRAVEL SURVEY 2000 Martin-Diener, E. et al [Switzerland]	OP2-18-1	17:05 SINGLE MOTOR UNIT IDENTIFICATION IN HIGH ACTIVATION LEVEL USING A NEW SELECTIVE MULTI-WIRE ELECTRODE Linnamo, V. et al [Finland]	OP2-19-1	17:05 PROFESSIONAL PREPARATION IN PHYSICAL EDUCATION IN INDIA — A HISTORICAL PERSPECTIVE Reddy, K.V. [India]	OP2-20-1
17:20 KINETICS OF MUSCLE PHOSPHOCREATINE AND PULMONARY OXYGEN UPTAKE DURING MODERATE INTENSITY EXERCISE IN CHILDREN Armstrong, N. et al [United Kingdom]	OP2-16-2	17:20 LACTATE-MINIMUM AND LAKTAT TURN POINT Hofmann, P. et al [Austria]	OP2-17-2	17:35 PREVALENCE OF METABOLIC SYNDROME IN GREEK ADOLESCENTS Bouziotas, C. et al [Greece]	OP2-18-2	17:20 SOLEUS MUSCLE SPINDLE SENSITIVITY AFTER 1 HOUR OF ELECTRICALLY EVOKED ECCENTRIC EXERCISE Peltonen, J. et al [Finland]	OP2-19-2	17:20 THE PRACTICE OF PHYSICAL EDUCATION: LOOKING AT THE PAST, PLANNING FOR THE FUTURE Freeman, W.H. et al [United States]	OP2-20-2
17:35 CAN WE MEASURE MAXIMAL VOLUNTARY MUSCLE ACTIVATION? Kooistra, R. et al [Netherlands]	OP2-16-3	17:35 DETECTION OF AN ANAEROBIC THRESHOLD USING NEAR INFRA RED SPECTROSCOPY IN CHF PATIENTS Karatzanos, L. et al [Greece]	OP2-17-3	17:50 GENDER-RELATED DIFFERENCES IN PERCEIVED ENVIRONMENTAL AND PSYCHOSOCIAL CORRELATES OF CYCLING AMONG YOUNG ADULTS Titze, S. et al [Austria]	OP2-18-3	17:35 SEX SPECIFIC DIFFERENCES IN MECHANICAL PROPERTIES OF ISOLATED COLLAGEN FASCICLES FROM THE HUMAN PATELLAR TENDON Haraldsson, B.T. et al [Denmark]	OP2-19-3	17:35 ON WHOSE TERMS? - EXPLORING YOUNG PEOPLE FROM ETHNIC MINORITY GROUPS IN SWEDEN AND THEIR VIEWS ON PE AND SPORT Suzanne, L. [Sweden]	OP2-20-3
17:50 THE ISOMETRIC KNEE EXTENSION TORQUE AT WHICH MUSCLE REOXYGENATION STOPS de Ruiten, J. et al [Netherlands]	OP2-16-4	17:50 THE RELATIONSHIP BETWEEN SELECTED CARDIOVASCULAR VARIABLES AND EXERCISE INTENSITY DURING CONTINUOUS AND DISCONTINUOUS INCREMENTAL ISOMETRIC EXERCISE TESTS Allum, S.R. et al [United Kingdom]	OP2-17-4	18:05 AEROBIC FITNESS IN PATIENTS WITH CHEMICAL DEPENDENCE Mamen, A. et al [Norway]	OP2-18-4	17:50 TIBIAL SAFETY FACTOR IN EXTREME IMPACT LOADING AMONG PHYSICALLY ACTIVE MALES AND FEMALES Rantalainen, T. et al [Finland]	OP2-19-4	17:50 THE POSITION OF REGULAR PHYSICAL EXERCISE IN THE LIFESTYLE OF HUNGARIAN PUBESCENT GIRLS Hamar, P. et al [Hungary]	OP2-20-4
18:05 WHY DOES VO2MAX NOT INCREASE WITH ACCLIMATIZATION TO HIGH ALTITUDE Lundby, C. et al [Denmark]	OP2-16-5	18:05 VO2 RESPONSE TO EXERCISE INTENSITIES ABOVE VO2MAX IN TRAINED MIDDLE-DISTANCE RUNNERS Duffield, R. et al [Australia]	OP2-17-5			18:05 CHAIN WHEEL SHAPE AFFECTS BLOOD LACTATE CONCENTRATION DURING SUBMAXIMAL CYCLING Hansen, E.A. et al [Norway]	OP2-19-5	18:05 HEALTH CONSCIOUS BEHAVIOR IN PHYSICAL EDUCATION: 10-14 YEARS OLD CHILDREN EXPERIENCES Bognár, J. et al [Hungary]	OP2-20-5

Athene	IS3-01	Innsbruck	IS3-02	St. Moritz	IS3-03	Albertville	IS3-04	Berlin ABC	IS3-05
Consensus statement on overtraining syndrome <i>Meeusen, R. [Belgium]</i>		Children and exercise <i>Farpour-Lambert, N. [Switzerland]</i> <i>Kriemler, S. [Switzerland]</i>		ACSM symposium: Diabetes <i>Kjaer, M. [Denmark]</i>		Golf, motor learning and control <i>Repond, R. [Switzerland]</i>		Force production and force transmission in skeletal muscles <i>Herzog, W. [Canada]</i>	
09:40 INTRODUCTION Meeusen R. [BE]	IS3-01-1	09:40 A BEHAVIOURAL PERSPECTIVE ON ENERGY-BALANCE RELATED BEHAVIOURS IN CHILDREN van Mechelen, W. et al [Netherlands]	IS3-02-1	09:55 DRUGS OR EXERCISE FOR OBESITY, DIABETES AND THE METABOLIC SYNDROME? van Baak, M. [Netherlands]	IS3-03-1	09:40 INTRODUCTION Repond R. [CH]	IS3-04-1	09:45 BEHAVIOR OF ACHILLES TENDON AND GASTROCNEMIUS APONEUROSIS DURING CONCENTRIC AND ECCENTRIC PLANTAR FLEXIONS Kawakami, Y. et al [Japan]	IS3-05-1
10:00 CONSENSUS STATEMENT ON OVERTRAINING SYNDROME Meeusen, R. et al [Belgium]	IS3-01-2	10:10 A GENETIC PERSPECTIVE Wilkin T. [UK]	IS3-02-2	10:20 INSULIN RESISTANCE, THE METABOLIC SYNDROME AND DIABESITY: THE ROLE OF FITNESS AND FITNESS Goodpaster, B. [United States]	IS3-03-2	09:45 ENERGY AND EFFICIENCY ANALYSIS OF THE GOLF SWING Nesbit, S. et al [United States]	IS3-04-2	10:10 MUSCLE - TENDON INTERACTION IN HUMAN GASTROCNEMIUS DURING WALKING AND RUNNING Wilson, A.M. et al [United Kingdom]	IS3-05-2
10:20 PSYCHOLOGICAL ASPECTS OF THE OTS Lemyre P. [NO]	IS3-01-3	10:40 A GENE-LIFESTYLE INTERACTION PERSPECTIVE Franks, P.W. [Sweden]	IS3-02-3	10:45 EFFECTS OF STREPTOZOTOCIN-INDUCED DIABETES AND PHYSICAL TRAINING ON GENE EXPRESSION OF TITIN-BASED STRETCH SENSING COMPLEXES IN MOUSE STRIATED MUSCLE Lehti, M. et al [Finland]	IS3-03-3	10:05 MOTOR ADAPTATION DURING GOLF PUTTING Reinkensmeyer, D. et al [Vanuatu]	IS3-04-3	10:35 THE ROLE OF TENDON AND APONEUROSIS IN FORCE TRANSMISSION IN UNI-PENNATE MUSCLES Herzog, W. [Canada]	IS3-05-3
10:40 CLINICAL ASPECTS OF THE OVERTRAINING SYNDROME Urhausen, A. [Luxembourg]	IS3-01-4					10:25 EARLY PUTTING PRACTICE WITHOUT ERRORS RESULTS IN A STROKE UNAFFECTED BY EXTERNAL DISTRACTIONS Poolton, J. et al [Hong Kong]	IS3-04-4		
11:00 PANEL DISCUSSION	IS3-01-5					10:45 ROUND TABLE	IS3-04-5	11:00 INFLUENCE OF PASSIVE FORCE ENHANCEMENT ON ACTIVE FORCE ENHAMCEMENT Tihanyi, J. et al [Hungary]	IS3-05-4

Oslo	OP3-01	Turin ABC	OP3-02	Berlin DE	OP3-03	Turin DE	OP3-04	Turin FG	OP3-05
Physiology 9/10 <i>Friedmann, B. [Germany]</i>		Training and Testing 6/7 <i>Vogt, M. [Switzerland]</i>		Molecular Biology 2/2 <i>Flück, M. [Switzerland]</i>		Biomechanics 4/4 <i>Komi, P. [Finland]</i>		Psychology 4/5 <i>Kleinert, J. [Germany]</i>	
09:45 RESPIRATORY ACIDOSIS BUT NOT METABOLIC ACIDOSIS DELAYS THE DEVELOPMENT OF FATIGUE DURING INTERMITTENT EXERCISE OF HIGH INTENSITY OF A SMALL MUSCLE GROUP IN HUMAN <i>Hilbert, M. et al [Germany]</i>	OP3-01-1	09:45 CARDIOPULMONARY EXERCISE CAPACITY AND MUSCLE STRENGTH IN CHILDREN AND ADOLESCENTS WITH ACHONDROPLASIA: IS THERE A DISADVANTAGE OF BEING SMALL? <i>Takken, T. et al [Netherlands]</i>	OP3-02-1	09:45 MICROARRAY ANALYSIS OF SIMVASTATIN TREATED C2C12 MYOTUBES <i>Yu, J. et al [Sweden]</i>	OP3-03-1	09:45 SOLEUS H-REFLEX MODULATION DURING PASSIVE SINUSOIDAL ANKLE MOVEMENT IN YOUNG AND ELDERLY MEN <i>Kanervo, M. et al [Finland]</i>	OP3-04-1	09:45 THE RELATIONSHIP BETWEEN SELF-CONCEPT, ATTRACTION TO PHYSICAL ACTIVITY, AND LEVEL OF PHYSICAL ACTIVITY, IN 6 TO 8 YEAR- OLD GIRLS AND BOYS <i>Howard, B. et al [Australia]</i>	OP3-05-1
10:00 PREECLAMPSIA IS ASSOCIATED WITH EXAGGERATED OXIDATIVE STRESS AND PULMONARY HYPERTENSION AT HIGH ALTITUDE – A NOVEL RISK FACTOR FOR HAPE DURING THE PRACTICE OF SPORTS AT HIGH ALTITUDE? <i>Schwab, M. et al [Switzerland]</i>	OP3-01-2	10:00 APPLIED SCIENCE IN ELITE YOUTH SOCCER: A DIAGNOSIS AND INTERVENTION PROJECT TO OPTIMIZE PREVENTION, REHABILITATION AND RE-INJURY-PROPHYLAXIS OF KNEE AND ANKLE INJURIES <i>Neumann, G. et al [Germany]</i>	OP3-02-2	10:00 ABSENCE OF DYSTROPHIN IN SARCOLEMMMA IS FOLLOWED BY PRESENCE OF INFLAMMATORY CELLS AND INTACT TYPE VI COLLAGEN IN HUMAN DAMAGED SKELETAL MUSCLE FIBERS <i>Koskinen, S. et al [Denmark]</i>	OP3-03-2	10:00 AGE-RELATED DIFFERENCES IN THE SOLEUS MOTOR UNIT FIRING IN DYNAMIC CONTRACTIONS <i>Kallio, J. et al [Finland]</i>	OP3-04-2	10:00 THE VALIDITY AND RELIABILITY OF THE CHILDREN'S ATTRACTION TO PHYSICAL ACTIVITY SCALE (CAPA) WITH 6 TO 8 YEAR-OLD AUSTRALIAN CHILDREN <i>Rose, E. et al [Australia]</i>	OP3-05-2
10:15 CYCLOOXYGENASE INHIBITION REDUCES THE PRESSURE REFLEX TO RHYTHMIC HANDGRIP EXERCISE IN HYPOXIA <i>Burtscher, M. et al [Austria]</i>	OP3-01-3	10:15 DIAGNOSIS OF THE FOOTBALL-SPECIFIC VELOCITY IN YOUNG ELITE FOOTBALL PLAYERS <i>Laudenklos, P. et al [Germany]</i>	OP3-02-3	10:15 EXPRESSION CHARACTERISTICS OF HOUSEKEEPING GENES IN HUMAN LYMPHOCYTES IN RESPONSE TO ACUTE EXERCISE AND CREATINE PYRUVATE SUPPLEMENTATION <i>Schönfelder, M. et al [Germany]</i>	OP3-03-3	10:15 NEUROMUSCULAR FUNCTION DURING DYNAMIC MOVEMENTS ASSOCIATED WITH AGING <i>Hoffren, M. et al [Finland]</i>	OP3-04-3	10:15 INVESTIGATING AND UNDERSTANDING PHYSICAL ACTIVITY BEHAVIOR OF CHINESE ADULTS: THE BERLIN EXERCISE STAGE MODEL <i>Duan, Y. et al [China]</i>	OP3-05-3
10:30 HORMONAL INFLUENCES ON THE IMMUNE FUNCTION DURING ACUTE AND CHRONIC HIGH ALTITUDE EXPOSURE <i>Ermolao, A. et al [Italy]</i>	OP3-01-4	10:30 EXPLORATORY RELATIONSHIP OF DROP JUMP PERFORMANCE WITH GYMNASTICS VAULTING AND FLOOR EXERCISE SCORES <i>Sands, W.A. et al [United States]</i>	OP3-02-4	10:30 EXERCISE GENOMICS IN COLON: GENE REGULATION IN THE COLON MUCOSA BY PHYSICAL ACTIVITY <i>Schulz, T. 1, Buehlmeyer, K. 1, Schoenfelder, M. 1, Doering, F. 2, Daniel, H. 3, Michna, H. 1 [Germany]</i>	OP3-03-4	10:30 ROLE OF MECHANICAL EXTERNAL WORK AND PENDULAR ENERGY TRANSDUCTION IN GAIT ECONOMY IN HEALTHY 65- AND 80-YR-OLDS <i>Malatesta, D. et al [Switzerland]</i>	OP3-04-4	10:30 COMPARISON OF COMPETITION STATE ANXIETY COMPONENTS AND STATE ANXIETY WITH INDIVIDUAL ZONE OF OPTIMAL FUNCTIONING (IZOF) IN CHILD ATHLETES <i>Yilmaz Anatca, V. et al [Turkey]</i>	OP3-05-4
10:45 LIMITATIONS OF HYPERBARIC BAG TREATMENT OF ACUTE MOUNTAIN SICKNESS <i>Mekjavic, I.B. 1, Gavran, B. 2, Golja, P. 3 [Slovenia]</i>	OP3-01-5	10:45 COMPARISON OF THE COMPETITIVE DEMANDS IMPOSED ON HIGH-STANDARD FOOTBALL REFEREES AND ASSISTANT REFEREES <i>Mallo, J. et al [Spain]</i>	OP3-02-5	10:45 THE GENES POLYMORPHISM AND ELITE ATHLETIC PERFORMANCE <i>Rogozkin, V. et al [Russia]</i>	OP3-03-5	10:45 PERIPHERAL FATIGUE AFTER ALPINE SKIING <i>Tomazin, K. et al [Slovenia]</i>	OP3-04-5		

Athene	IS3-06	Innsbruck	IS3-07	St. Moritz	IS3-08	Albertville	IS3-09	Berlin ABC	IS3-10
Medical ethics and sports medicine		Spinal cord injury and physical activity		The exercising brain		JSPFSM exchange symposium		High-Tech in skiing	
<i>McNamee, M. [United Kingdom]</i>		<i>Strupler, M. [Switzerland]</i>		<i>Kayser, B. [Switzerland]</i> <i>Jones, D. [United Kingdom]</i>		<i>Ohno, M. [Japan]</i>		<i>Müller, E. [Austria]</i>	
11:55 'STEROIDS AREN'T COOL': CRIMINALISING ENHANCEMENT & THE POLITICS OF HEALTHCARE ETHICS Miah, A. [United Kingdom]	IS3-06-1	11:40 EXERCISE AND WELLBEING IN INDIVIDUALS WITH SPINAL CORD INJURY Janssen, T. et al [Netherlands]	IS3-07-1	11:40 EXERCISE BEGINS AND ENDS IN THE BRAIN Kayser B. [CH]	IS3-08-1	11:40 EFFECTS OF CARBOHYDRATE AND FLUID INTAKE ON LEUCOCYTE AND CYTOKINE RESPONSES TO ENDURANCE EXERCISE IN THE HEAT Suzuki, K. et al [Japan]	IS3-09-1	11:55 THE ALPINE SKI BINDING: WHAT DO WE KNOW, WHERE SHOULD WE GO? Senner V. et al [Germany]	IS3-10-1
12:20 WHAT'S WRONG WITH ANTI-DOPING: SOME THOUGHTS CONCERNING THE FEAR OF MODERNITY AND EROSION OF REASON Moller, V. [Denmark]	IS3-06-2	12:10 RESPIRATORY MUSCLE TRAINING IN INDIVIDUALS WITH SPINAL CORD INJURY Perret, C. [Switzerland]	IS3-07-2	11:45 THE BRAIN METABOLIC RESPONSE TO EXERCISE: A LINK TO CENTRAL FATIGUE Dalsgaard M. [DK]	IS3-08-2	11:55 WAVE FORM OF MOTOR UNIT ACTION POTENTIALS DURING CONSTANT FORCE CONTRACTION IN HUMAN MUSCLE Kamo, M. et al [Japan]	IS3-09-2	12:20 METHODS FOR TESTING SLIDING PERFORMANCE ON SNOW Rhyner, H. et al [Switzerland]	IS3-10-2
12:45 WHAT IS WRONG WITH GENE DOPING McNamee, M. [United Kingdom]	IS3-06-3	12:40 OPTIMISATION OF EXERCISE PERFORMANCE IN WHEELCHAIR RACING ATHLETES Mueller, G. [Switzerland]	[YIA] IS3-07-3	12:10 BRAIN, NEUROTRANSMISSION AND CENTRAL FATIGUE Meeusen, R. [Belgium]	IS3-08-3	12:20 ADIPOSE TISSUE AS AN ENDOCRINE ORGAN: EFFECTS OF EXERCISE AND DIETARY THERAPY Kimura, M. et al [Japan]	IS3-09-3	12:45 HIGH TECH IN ELITE ALPINE SKI RACING Müller, E. et al [Austria]	IS3-10-3
				12:35 LIMITS TO PERFORMANCE: INTEGRATION AND ANTICIPATION St Clair Gibson, A. et al [South Africa]	IS3-08-4	12:45 ACUTE EXERCISE ALTERS EXPRESSION OF STEROIDOGENESIS-RELATED ENZYMES IN THE SKELETAL MUSCLE OF RATS Aizawa, K. et al [Japan]	IS3-09-4		
				13:00 DISCUSSION	IS3-08-5				

Oslo	OP3-06	Turin ABC	OP3-07	Berlin DE	OP3-08	Turin DE	OP3-09	Turin FG	OP3-10
Physiology 10/10		Training and Testing 7/7		Sports Medicine 4/4		Nutrition 2/2		Psychology 5/5	
<i>Howald, H. [Switzerland]</i>		<i>Clémin, G. [Switzerland]</i>		<i>Kjaer, M. [Denmark]</i>		<i>van Loon, L. [Netherlands]</i>		<i>Williams, M. [United Kingdom]</i>	
11:45 DECREASE IN THE NUMBERS OF MECHANORECEPTORS IN RABBIT ACL: THE EFFECTS OF AGEING Aydog, S.T. et al [Turkey]	OP3-06-1	11:45 RELATIONSHIP BETWEEN HEART RATE AND OXYGEN UPTAKE IN ELITE CYCLISTS: Lounana, J. et al [France]	OP3-07-1	11:45 EVALUATION OF THE TURNOVER RATE OF FIBROBLASTS IN LIGAMENT TISSUE BY ANALYSIS OF DNA-TELOMERE LENGTH. A COMPARISON WITH SKELETAL MUSCLE FIBRES Kadi, F. et al [Sweden]	OP3-08-1	11:45 AWARENESS AND USE OF CAFFEINE BY ATHLETES COMPETING AT THE 2005 IRONMAN TRIATHLON WORLD CHAMPIONSHIPS Desbrow, B. et al [Australia]	OP3-09-1	11:45 THE COACH-ATHLETE RELATIONSHIP: WHEN INTENSIVE TRAINING BECOMES EMOTIONAL ABUSE Kerr, G. et al [Canada]	OP3-10-1
12:00 TRAINING INDUCED ADAPTATIONS IN MUSCLE EXTRACELLULAR MATRIX AND TENDON IN RATS: HOW DOES CONTRACTION TYPE INFLUENCE COLLAGEN- AND GROWTH FACTOR EXPRESSION? Heinemeier, K. et al [Denmark]	OP3-06-2	12:00 VERY HIGH-INTENSITY TRAINING WITH SHORT REST PERIODS DECREASES MUSCLE BUFFER CAPACITY Edge, J. et al [New Zealand]	OP3-07-2	12:00 PHYSICAL EXERCISE CONDITIONED SERUM MOBILIZES MESENCHYMAL STEM CELLS (MSCS) Bloch, W. et al [Germany]	OP3-08-2	12:00 RELATIONSHIP BETWEEN BODY COMPOSITION, BONE MINERAL DENSITY AND DIETARY INTAKE IN ADOLESCENT ELITE FEMALE ARTISTIC GYMNASTS García, A. et al [Spain]	OP3-09-2	12:00 LEADER BEHAVIORS IN OUTDOOR ADVENTURE PROGRAMS IN TURKEY (A CASE STUDY) Dinç, S.C. et al [Turkey]	OP3-10-2
12:15 CAUSES OF MUSCLE CELL DAMAGE: MECHANICAL STRAIN OR CALCIUM OVERLOAD? Fredsted, A. et al [Denmark]	OP3-06-3	12:15 RELIABILITY AND SENSITIVITY OF A CYCLING TIME TRIAL IN A GLYCOGEN DEPLETED STATE Currell, K. et al [United Kingdom]	OP3-07-3	12:15 CORRELATION BETWEEN BMI, PHYSICAL PERFORMANCE, INSULIN SENSITIVITY, AND ADIPOCYTOKINES IN CHILDREN – BASELINE AND FINAL DATA OF THE CHILT III PROJECT Graf, C. et al [Germany]	OP3-08-3	12:15 THE GLYCEMIC INDEX AND PHYSICAL ACTIVITY Mettler, S. et al [Switzerland]	OP3-09-3	12:15 TEAM VALUE AND PERFORMANCE IN SPORT TEAMS Sjovold, E. et al [Norway]	OP3-10-3
12:30 CHANGES IN MUSCLE FIBRE CSA AND MUSCLE FIBRE PENNATION ANGLE WITH DISUSE AND TRAINING IN ELDERLY POSTOPERATIVE PATIENTS Suetta, C. et al [Denmark]	OP3-06-4	12:30 MAXIMAL ECCENTRIC TRAINING HAS AN OSTEOGENIC IMPACT ON AREAL BMD IN BONES HABITUALLY UNEXPOSED TO LARGE ECCENTRIC MUSCLE CONTRACTIONS Wulff Helge, E. et al [Denmark]	OP3-07-4	12:30 EXERCISE EFFECTS ON THE IMMUNE RESPONSE IN A MODEL OF EXPERIMENTAL ARTHRITIS Vaisberg, M.W. et al [Brazil]	OP3-08-4	12:30 POST-CIRCUIT RESISTANCE EXERCISE GLUCOSE FEEDING ON GHRELIN RESPONSES IN MALE COLLEGE STUDENTS Ghanbari-Niaki, A. et al [Iran]	OP3-09-4	12:30 WHEN LESS IS MORE - DECISION MAKING IN TEAM SPORTS Raab, M. et al [Germany]	OP3-10-4
12:45 EFFECT OF ECCENTRIC CONTRACTION VELOCITY ON MUSCLE DAMAGE Chapman, D. et al [Australia]	OP3-06-5	12:45 COMPARISON OF SIX WEEKS OF COMPLEX TRAINING AND PERIODISED RESISTANCE TRAINING ON THE DEVELOPMENT OF LOWER-BODY STRENGTH Schneiker, K.T. et al [Australia]	OP3-07-5	12:45 HYPERTHERMIA DURING COMPETITION IN ELITE ATHLETES Calleja, J. et al [Spain]	OP3-08-5	12:45 EFFECT OF SMALL DOSES OF ALCOHOL ON THE ENDURANCE PERFORMANCE OF TRAINED CYCLISTS Lecoultre, V. et al [Switzerland]	OP3-09-5	12:45 PREVALENCE OF COACH BURNOUT IN ELITE SOCCER Hjälml, S. et al [Sweden]	OP3-10-5

Thursday, July 6th, 2006

PP1-01 Physiology 1-9

CHAIRS:

CAPOROSSI, C. [ITALY]
 NARICI, N. [UNITED KINGDOM]
 VOGT, V. [SWITZERLAND]
 HOWALD, H. [SWITZERLAND]
 LINDSTEDT, L. [UNITED STATES]
 KLISSOURAS, K. [GREECE]
 NICOL, N. [FRANCE]
 SCHUBERT, S. [GERMANY]
 DI PRAMPERO, D. [ITALY]

PP1-01-1 [YIA]
 CHANGE IN THE CHARACTERISTICS OF THE MUSCLE-TENDON UNIT DURING PASSIVE STRETCHING
Abellana, S., Guissard, N., Duchateau, J. [Belgium]

PP1-01-2 [YIA]
 A PROPOSED METHOD TO EVALUATE THE ACUTE EFFECT OF AN INCREASED FRACTION OF INSPIRED OXYGEN (FIO₂: 0.45) ON THE PARAMETERS OF THE POWER-TIME RELATIONSHIP IN HIGHLY TRAINED ATHLETES
Lemieux, L., Norris, S.R., Smith, D.J., Kolb, J.C. [Canada]

PP1-01-3 [YIA]
 SIGNIFICANCE OF THE RESPIRATORY KINETICS DURING RECOVERY IN RELATION TO ENDURANCE PERFORMANCE
Vardaxoglou, K., Frische, M., Stuke, N., Maassen, N. [Germany]

PP1-01-4 [YIA]
 RELATIONSHIP BETWEEN ANAEROBIC PERFORMANCE AND MATURATION IN PORTUGUESE AND BRAZILIAN YOUNG BOYS
Ribeiro Jr., D. 1, Tavares, P. 1, Lima, J. 2, Rosado, F. 1, Fontes Ribeiro, C. 1 [Portugal]

PP1-01-5 [YIA]
 CONTINUOUS ASSESSMENT OF BLOOD PRESSURE USING THE EARLOBE PHOTOPLETHYSMOGRAM DURING EXERCISE
Kumahara, H., Kawano, H., Matsuda, T., Kiyonaga, A., Shindo, M., Tanaka, H. [Japan]

PP1-01-6 [YIA]
 TOTAL HAEMOGLOBIN MASS - A PROMISING PARAMETER TO DETECT BLOOD MANIPULATION
Prommer, N. [Germany]

PP1-01-7 [YIA]
 SKELETAL MUSCLE GLUCOSE UPTAKE HETEROGENEITY DECREASES WITH INCREASING EXERCISE INTENSITY
Nesterov, S.V., Kemppainen, J., Fujimoto, T., Nuutila, P., Knuuti, J., Kalliokoski, K.K. [Finland]

PP1-01-8 [YIA]
 THE LACTATE ION INDUCES RECOVERY OF FORCE AND EXCITABILITY IN K⁺ DEPOLARIZED RAT SOLEUS MUSCLES
Jørgensen, R., de Paoli, F., Nielsen, O.B. [Denmark]

PP1-01-9 [YIA]
 THE IMPROVEMENT OF EXCITABILITY AND FORCE INDUCED BY LACTIC ACID IN K⁺ DEPRESSED MUSCLES IS RELATED TO A DECREASE IN INTRACELLULAR PH
de Paoli, F., Overgaard, K., Pedersen, T.H., Nielsen, O.B. [Denmark]

PP1-01-10 [YIA]
 HEREDITY-INDEPENDENT EFFECTS OF LONG-TERM VOLITIONALLY INCREASED PHYSICAL ACTIVITY AND AEROBIC FITNESS ON HEPATIC FFA UPTAKE AND BODY ADIPOSITY
Hannukainen, J.C., Borra, R., Nuutila, P., Janatuinen, T., Heinonen, O.J., Kaprio, J., Kujala, U., Rönnemaa, T., Viljanen, T., Haaparanta, M., Parkkola, R., Knuuti, J., Kalliokoski, K.K. [Finland]

PP1-01-11 [YIA]
 ENHANCEMENT OF CAPILLARY TORTUOSITY AFTER RESISTANCE TRAINING
Egeland, W., Kvamme, N.H., Ronnestad, B.R., Kadi, F., Raastad, T. [Norway]

PP1-01-12 [YIA]
 DECREASED SERUM BDNF LEVEL IN ATHLETES
Nofuji, Y., Suwa, M., Moriyama, S., Nshichi, R., Ichimiya, A., Radak, Z., Kumagai, S. [Japan]

PP1-01-13 [YIA]
 RADIATION INDUCED THERMOREGULATORY FAILURE AND THE REDUCTION OF EXERCISE PERFORMANCE IN THE HOT
Suzuki, T., Kawabata, T., Fujimoto, S., Miyagawa, T. [Japan]

PP1-01-14 [YIA]
 GENDER DIFFERENCES IN MUSCLE FATIGUE AND BRACHIAL ARTERIAL BLOOD FLOW DURING INTERMITTENT, MAXIMAL VOLITIONAL HANDGRIP
Saito, Y., Iemitsu, M., Otsuki, T., Maeda, S., Aijisaka, R. [Japan]

PP1-01-15 [YIA]
 IS PEAK OXYGEN UPTAKE ASSOCIATED WITH MICROVASCULAR FUNCTION IN 9-10 YEAR OLD CHILDREN?
Farr, C., Shore, A., Armstrong, N., Mawson, D., Middlebrooke, A. [United Kingdom]

PP1-01-16 [YIA]
 AGE RELATED DIFFERENCES IN FIBER TYPE SPECIFIC SATELLITE CELL CONTENT
Verdijk, L., Koopman, R., Schaart, G., Meijer, K., Savelberg, H., van Loon, L. [Netherlands]

PP1-01-17 [YIA]
 KINETICS OF CARDIAC OUTPUT, SYSTEMIC O₂ DELIVERY AND LUNG O₂ UPTAKE IN NORMOXIA AND NORMOBARIC HYPOXIA IN MEN
Lador, F. 1, Azabji Kenfack, M. 1, Moia, C. 1, Cautero, M. 2, Morel, D.R. 3, Capelli, C. 2, Ferretti, G. 1-4 [Switzerland]

PP1-01-18 [YIA]
 VARIABILITY OF MUSCLE ACTIVITY DURING PEAK POWER OUTPUT CYCLING
Albertus-Kajee, Y., Lambert, M.I., Noakes, T.D., St Clair Gibson, A. [South Africa]

PP1-01-19 [YIA]
 INDICES OF NEW FIBRE FORMATION AFTER STRENGTH TRAINING IN YOUNG, HEALTHY MEN
Kvamme, N.H., Egeland, W., Ronnestad, B.R., Hanssen, K.E., Kadi, F., Raastad, T. [Norway]

PP1-01-20 [YIA]
 AN INVESTIGATION OF EXERCISE AND INSULIN-INDUCED OPENING OF MUSCLE CAPILLARIES USING NIRS
Shaw, C.S., Zijlstra, E.D., Wagenmakers, A.J. [United Kingdom]

PP1-01-21 [YIA]
 SPINAL AND CORTICOSPINAL CONTRIBUTION TO NEUROMUSCULAR CONTROL IN STRETCH-SHORTENING CYCLE
Taube, W., Leukel, C., Schubert, M., Rantalainen, T., Gollhofer, A. [Germany]

PP1-01-22 [YIA]
 MATHEMATICAL MODELLING OF TRANSCAPILLARY INSULIN TRANSPORT
Zijlstra, E. 1, Sjöstrand, M. 2, Groenendaal, W. 3, van Riel, N. 3, Lönnroth, P. 2, Wagenmakers, A. 1 [United Kingdom]

PP1-01-23 [YIA]
 CARDIORESPIRATORY RESPONSES AT THE ONSET OF THE DOMINANT AND NON DOMINANT LIMBS EXERCISE
Hotta, N., Yamamoto, K., Katayama, K., Akima, H., Ishida, K. [Japan]

PP1-01-24 [YIA]
 THE EFFECTS OF HYPOXIA AND SHORT-TERM VIBRATION STIMULI DURING CYCLING ON ANGIOGENIC AND ANTI-ANGIOGENIC FACTORS
Suhr, F., de Marées, M., Achtzehn, S., Mester, J. [Germany]

PP1-01-25 [YIA]
 TRAINING STRENGTH WITH HEART RATE: BENCH PRESS APPLICATION
Martín Caro, C., Benito, P.J., Díaz, V., Peinado, A.B., Calderón, F.J., Sillero, M. [Spain]

PP1-01-26 [YIA]
 PLASMA GHRELIN RESPONSES TO ACUTE EXERCISE IN BOYS AT DIFFERENT STAGES OF SEXUAL MATURATION
Pomerants, T., Tillmann, V., Karelson, K., Jürimäe, J., Jürimäe, T. [Estonia]

PP1-01-27 [YIA]
 THE INFLUENCE OF CARBOHYDRATE INGESTION AND ENVIRONMENTAL TEMPERATURE ON PACING STRATEGY DURING A 16.1 KM TIME TRIAL IN WELL TRAINED CYCLISTS
Abbiss, C., Peiffer, J., Peake, J., Nosaska, K., Suzuki, K., Laursen, P. [Australia]

PP1-01-28 [YIA]
 RECOVERY-TIME CONSTANT AND AMPLITUDE CHARACTERISTICS TO REPEATED SHORT-TERM

BREATH-HOLDING DURING DYNAMIC LEG-EXERCISE
Nemeth, H., Saito, H., Kimura, M., Maki, A., Ito, S., Takenaka, T. [Hungary]

PP1-01-29 [YIA]
 FOREARM VASCULAR RESPONSES TO COMBINED MUSCLE METABORECEPTOR ACTIVATION IN THE UPPER AND LOWER LIMBS
Tokizawa, K., Mizuno, M., Muraoka, I. [Japan]

PP1-01-30 [YIA]
 VARIATION IN LUNG VOLUMES WITH POSITION
Álvarez, M., Díaz, V., Peinado, A.B., Benito, P.J., Martín, C., Calderón, F.J. [Spain]

PP1-01-31 [YIA]
 THE EFFECTS OF EXERCISE-INDUCED MUSCLE DAMAGE ON UNILATERAL BALANCE PERFORMANCE
Twist, C., Eston, R., Gleeson, N. [United Kingdom]

PP1-01-32 [YIA]
 FACTORS AFFECTING THE PREDICTION OF ENERGY EXPENDITURE FROM ACCELEROMETER DATA
Stone, M., Esliger, D., Tremblay, M. [Canada]

PP1-01-33 [YIA]
 EFFECT OF HYPERCAPNIA ON LACTATE AND AMMONIA ACCUMULATION DURING EXERCISE
Kato, T., Matsumoto, T., Tsukanaka, A., Nakano, M., Ito, R., Kosaka, M., Matsui, N. [Japan]

PP1-01-34 [YIA]
 CARDIAC NERVE ACTIVITY DURING RECOVERY FROM EXERCISE CHANGES WITH AEROBIC TRAINING AND DETRAINING
Arduini, A. 1, López, Y.A. 2, Sala, S.P. 3, Guillen, S. 3, Romagnoli, M. 1+2 [Spain]

PP1-01-35 [YIA]
 EFFECT OF MANY DAYS LONG-LASTING HIGH ALTITUDE WORK UPON AEROBIC CAPACITY, STRENGTH AND SIZE OF MUSCLE
Papov, D. [Russia]

PP1-01-36 [YIA]
 A SINGLE LACTATE ASSESSMENT DOES NOT PREDICT ANAEROBIC THRESHOLD IN RUNNING
Romagnoli, M. 1+2, Yeste, A. 1, García Herreros, S. 1, Gómez-Cabrera, M.C. 3, Beorlegui, A.B. 1, Arduini, A. 2 [Spain]

- PP1-01-37 [YIA]
ECCENTRIC MUSCLE CONTRACTIONS INCREASE NEURONAL NITRIC OXIDE SYNTHASE MRNA EXPRESSION IN SKELETAL MUSCLE
Kon, M., Tanabe, K., Lee, H., Kimura, F., Akimoto, T., Kono, I. [Japan]
- PP1-01-38 [YIA]
CHANGES IN LUNG FUNCTION VALUES AFTER SHORT-TERM POWER OUTPUT IN ELITE JUDO PLAYERS
Radovanovic, D. 1, Bratic, M. 1, Vukovic, J. 2 [Serbia and Montenegro]
- PP1-01-39 [YIA]
DELTA DESATURASE BLOCKADE AFTER CAFFEINE INGESTION
Olcina, G., Maynar, M., Caballero, M.J., Muñoz, D., Timón, R., Maynar, J.I. [Spain]
- PP1-01-40 [YIA]
OXYGEN UPTAKE DURING SOCCER: A CASE STUDY
Gatterer, H. [Austria]
- PP1-01-41 [YIA]
RELATIONSHIP BETWEEN MUSCLE OXYGENATION OF AN EXERCISING FOREARM AND INACTIVE LEG DURING AND AFTER STATIC HANDGRIP CONTRACTION
Ogata, H., Nakazawa, K., Akai, M. [Japan]
- PP1-01-42 [YIA]
THE IMPACT OF HEART RATE UPON THE E/A QUOTIENT IN ATHLETIC AND NON ATHLETIC MALES
Kneffel, Z., Kispéter, Z., Horváth, P., Németh, H., Sidó, Z., Pavlik, G. [Hungary]
- PP1-01-43 [YIA]
METHODOLOGICAL APPROACH OF ARTERY DOPPLER BLOOD FLOW MEASUREMENT DURING DYNAMIC EXERCISE
Walther, G., Nottin, S., Perez-Martin, A., Dauzat, M., Obert, P. [France]
- PP1-01-44
PHYSIOLOGICAL EQUIVALENCE OF HORIZONTAL VS. UPHILL RUNNING: FINDINGS FROM JUNIOR AND ADULT WORLD CLASS ORIENTEERS
Zürcher, S., Tschopp, M., Cléin, C., Marti, B. [Switzerland]
- PP1-01-45
PHARMOKINETICS OF CAFFEINE FOLLOWING INGESTION IN CAPSULAR OR LIQUID FORMAT IN HEALTHY MALES
Beades, M., Donne, B., Warmington, S., Mahony, N. [Ireland]
- PP1-01-46
CYCLING POWER, PERFORMANCE AND PACING STRATEGIES AT SIMULATED 200, 1200, 2200, AND 3200 M
Clark, S., Bourdon, P., Aughey, R., Singh, B., Schmidt, W., Woolford, S., Onus, K., Cable, G., Gore, C. [Australia]
- PP1-01-47
MOTOR CORTICAL ACTIVITY DURING BILATERAL AND UNILATERAL REACTION TIME AND FORCE TASKS
Taniguchi, Y. [Japan]
- PP1-01-48
PHYSIOLOGICAL REACTIONS IN LISTENING TO THE MUSIC THROUGH THE RESPONSE OF THE AUTONOMIC NERVOUS SYSTEM
Naotaka, I. [Japan]
- PP1-01-49
HOW TO ESTIMATE THE RECOVERY FROM AN INCREMENTAL EXERCISE TEST BY CHECKING STEADY-STATE CONDITION FROM BEAT-TO-BEAT TIME SERIES
Merati, G., Veicsteinas, A., DiRienzo, M., Castiglioni, P. [Italy]
- PP1-01-50
THERAPEUTIC AND PREVENTIVE EXERCISE REDUCES BLOOD PRESSURE IN LDLR -/- MICE
Cardinot, T., Moretti, A., Koike, M., Souza, H. [Brazil]
- PP1-01-51
EFFECTS OF CREATINE SUPPLEMENTATION ON PROLONGED INTERMITTENT EXERCISE IN THE HEAT
Ishizaki, S., Naito, H., Katamoto, S., Yasumatsu, M., Inagaki, M., Yoshimura, M., Aoki, J., [Japan]
- PP1-01-52
THE FREQUENCY CHARACTERISTICS OF RESPIRATORY RESPONSE DURING CONSTANT LOAD EXERCISE
Saito, H., Nemeth, H., Kimura, M., Watanabe, T., Kuboyama, I. [Japan]
- PP1-01-53
PROTECTOR EFFECT OF EXERCISE WEEKLY FREQUENCY ON BLOOD PRESSURE IN SPONTANEOUSLY HYPERTENSIVE RATS
Cardinot, T., Moniz-de-Aragão, A., Farintatti, P. [Brazil]
- PP1-01-54
EFFECTS OF BED REST AND POSTURE ON THE KINETICS OF O₂ UPTAKE AND CARDIAC OUTPUT
Azabji Kenfack, M. 1, Fagoni, N. 2, Tam, E. 1+3, Cautero, M. 3, Lador, F. 1, Moia, C. 1, Capelli, C. 3, Linnarsson, D. 4, Ferretti, G. 1+2 [Switzerland]
- PP1-01-55
RATE OF FORCE DEVELOPMENT: DIFFERENCE BETWEEN UPPER AND LOWER LIMBS IN HEALTHY OLDER WOMEN
Ditroilo, M., Fernández Peña, E., Benelli, P., Centonze, F., De Lillo, F., Giacomini, F., Grassi, E., Trisolino, G., Stocchi, V. [Italy]
- PP1-01-56
COMPARISON OF THE VASTUS LATERALIS NEUROMUSCULAR ACTIVITY IN CYCLISTS AND LONG-DISTANCE RUNNERS
Oliveira Marques, F., Tavares, P., Rosado, F., Ribeiro, G., Anjos, I., Fontes Ribeiro, C.A. [Portugal]
- PP1-01-57
CHANGES IN CORTICOMOTOR EXCITABILITY OF ANTAGONIST MUSCLES DURING A SUBMAXIMAL FATIGUING CONTRACTION
Lévênez, M., Carpentier, A., Duchateau, J. [Belgium]
- PP1-01-58
EFFECT OF POSTACTIVATION POTENTIATION ON THE LOADVELOCITY RELATION OF A HUMAN MUSCLE
Baudry, S., Duchateau, J. [Belgium]
- PP1-01-59
ACUTE PASSIVE STRETCHING ALTERS THE MECHANICAL BUT NOT THE ELECTRICAL PROPERTIES OF CALF MUSCLES IN HUMANS
Esposito, F., Cê, E., Alfieri, P., Pizzini, G., Veicsteinas, A. [Italy]
- PP1-01-60
MULTI-CHANNEL ANALYSIS OF HUMAN INTRA-MUSCULAR MYOELECTRIC SIGNALS
Mizumura, S., Ohtsuki, T., Maezawa, K. [Japan]
- PP1-01-61
THE ADDITION OF CAFFEINE TO A SPORTS DRINK INCREASES MAXIMAL CYCLING POWER BUT DOES NOT AFFECT FLUID BALANCE OR THERMOREGULATION
Mora-Rodriguez, R., Del Coso, J., Estevez, E., Baquero, R. [Spain]
- PP1-01-62
ENERGY COST CHARACTERIZING FACTORS BY TERRAIN TYPES
Leonardi, A., Schena, F. [Italy]
- PP1-01-63
RELIABILITY OF MUSCLE VS NERVE ELECTRICAL STIMULATION TO DETERMINE MUSCLE FATIGUE
Del Coso, J., Estevez, E., Mora-Rodriguez, R. [Spain]
- PP1-01-64
BRAIN AND MUSCLE OXYGENATION AND NEUROMUSCULAR PROPERTIES RESPONSES TO AN INCREMENTAL MAXIMAL EXHAUSTIVE CYCLING EXERCISE
Rupp, T., Perrey, S. [France]
- PP1-01-65
EFFECTS OF YOGA ON BONE MINERAL DENSITY AND BONE BIOCHEMICAL MARKERS IN ELDERLY
Bezerra, L.M., Oliveira, R.J., Abdhala, Lídia [Brazil]
- PP1-01-66
VENTILATORY CONTROL AND PLASMA LEVELS OF ERYTHROPOIETIN AND OXIDIZED LDL IN ELITE APNEA DIVERS
Hildebrandt, W., Dröge, W., Bärtsch, P. [Germany]
- PP1-01-67
HEAT EXPOSURE ELEVATES MUSCULAR HEAT SHOCK PROTEIN 70 AND SUPPRESSES EXERCISE-INDUCED SKELETAL MUSCLE DAMAGE IN MICE
Mikami, T. I, Yamauchi, H. 2, Ohota, S. 1 [Japan]
- PP1-01-68
THE EFFECTS OF HIGH FAT FEEDING AND VOLUNTARY EXERCISE ON MITOCHONDRIAL RESPIRATION RATE IN SKELETAL MUSCLE OF MICE
Silvennoinen, M., Rinnankoski, R., Kivelä, R., Lehti, M., Vihko, V., Kainulainen, H. [Finland]
- PP1-01-69
SLEEP PATTERNS OF ADVENTURE RACERS ATHLETES
De Mello, M.T., Antunes, H.K., Andersen, M.L., Bittencourt, L.R., Silva, R.S., Tufik, S. [Brazil]
- PP1-01-70
EFFECTS OF SINGLE AND MULTIPLE SET STRENGTH TRAINING ON THE NUMBER OF SATELLITE CELLS AND MYONUCLEI IN M. VASTUS LATERALIS AND M. TRAPEZIUS IN UNTRAINED MEN
Hanssen, K.E., Kvamme, N., Rønnestad, B.R., Egeland, W., Kadi, F., Raastad, T. [Norway]
- PP1-01-71
THE IMPACT OF HIGHLY INTENSIVE INTERVAL LIKE TRAINING ON RESPIRATION
Maassen, N., Vardaxoglou, K., Frische, M. [Germany]
- PP1-01-72
THE EVALUATION OF THE MUSCLE OF MUSCLE FATIGUE BY SIMULTANEOUS ELECTROPHYSIOLOGICAL AND MECHANICAL RECORDING
Vasilescu, M., Rusu, L. [Romania]
- PP1-01-73
VISCIOUS-ELASTIC PROPERTIES OF PLANTARFLEXOR MUSCLES IN WHITE CAUCASIAN AND BLACK AFRICAN ATHLETES: A PRELIMINARY STUDY
Driss, T., Lambert, D., Vandewalle, H., Badour, Y., Goubel, F. [France]
- PP1-01-74
CARDIOVASCULAR ANALYSIS IN AN AEROBIC CYCLING TEST IN SPRINTERS AND LONG-DISTANCE RUNNERS
Tavares, P., Anjos, I., Parada, J., Ribeiro, G., Rosado, F., Santos, A., Fontes Ribeiro, C.A. [Portugal]
- PP1-01-75
ELECTROMYOGRAPHIC ANALYSIS OF AN ABDOMINAL EXERCISE PERFORMED IN TRAINED (BODY-BUILDERS) AND UNTRAINED SUBJECTS
Ribeiro, E., Tavares, P., Ribeiro, G., Rosado, F., Fontes Ribeiro, C.A. [Portugal]
- PP1-01-76
SEASONAL CHANGES IN BODY COMPOSITION OF ELITE SOCCER PLAYERS
Tofas, T., Theodorou, A., Stavrakoudi, A., Nikolaidis, M.G., Jamurtas, A.Z. [Greece]

Poster Sessions

PP1-01-77
THE ANTHROPOMETRIC, PHYSIOLOGICAL AND MOTOR FITNESS FEATURES PROFILES THAT PARTICIPATING KARATE AT NATIONAL TEAM OF IRAN
Hojjat, S., Tarverdizadeh, B., Rasooli, S.A., Behpour, N. [Iran]

PP1-01-78
EXPLORING PHASE II HEAR RATE KINETICS DURING SUB MAXIMAL RUNNING TEST IN PROFESSIONAL FOOTBALL PLAYERS
Jemni, M., Mitchell, A., Sands, W.A., McNeal, J.R. [United Kingdom]

PP1-01-79
MUSCLE MAXIMAL CO-CONTRACTIONS OF THE ELBOW EXTENSORS AND FLEXORS DURING ISOMETRIC CONTRACTIONS
Driss, T., Serrau, V., Vandewalle, H., Lesne-Chabran, E., Lepellec-Muller, A. [France]

PP1-01-80
TIME SERIES OF ENDOCRINE PARAMETERS INDICATE DESYNCHRONIZATION OF BIOLOGICAL RESPONSE IN HIGH TRAINING LOAD SITUATIONS
Suhr, F., Yue, Z., de Marées, M., Achtzehn, S., Mester, J. [Germany]

PP1-01-81
THE EFFECT OF ACUTE GARLIC INTAKE ON BLOOD PRESSURE AND WATER CONSUMPTION IN YOUNG NORMOTENSIVE HUMANS
Botonis, P., Herouvim, E., Stampouloglou, A., Koskolou, M., Nassis, G., Geladas, N. [Greece]

PP1-01-82
PHASE III V'O2 INCREASE DOES NOT LEAD TO V'O2 VALUES HIGHER THAN V'O2 MAX DURING PROLONGED INTENSE EXERCISES IN HUMANS
Alfieri, P. 1, Schena, F. 2, Ferretti, G. 3, Esposito, F. 1 [Italy]

PP1-01-83
ACUTE EFFECTS OF PASSIVE STATIC STRETCHING ON LEG EXTENSOR MUSCLES: DIFFERENCES BETWEEN SQUAT AND COUNTERMOVEMENT JUMP
Merati, G., Silvaggi, N., Limonia, E., Rampichini, S., Alberti, G. [Italy]

PP1-01-84
RATE OF PERCEIVED EXERTION AT A GIVEN EXERCISE-INDUCED DECLINE IN STROKE VOLUME

IS HIGHER IN SPINAL CORD INJURED THAN IN ABLE-BODIED INDIVIDUALS
Geladas, N., Zacharakis, M., Nassis, G., Kounalakis, S., Anastasiadis, M. [Greece]

PP1-01-85
THE EFFECT OF PROLONGED EXERCISE AND BLOOD SAMPLING ON SERUM ERYTHROPOIETIN CONCENTRATION
Szygula, Z., Pilch, W., Wnorowski, J., Wiecek, M., Zembron-Lacny, A. [Poland]

PP1-01-86
CARDIOVASCULAR EFFECTS OF 9 DAYS OF DRY-HEAT ACCLIMATIZATION IN TRAINED MEN
Estévez, E., Del Coso, J., Mora-Rodríguez, R. [Spain]

PP1-01-87
CHILDREN HAVE A HIGHER HYPOXIC VENTILATORY RESPONSE THAN THEIR FATHERS
Kriemler, S., Zehnder, M., Kohler, M., Bloch, K.E., Brunner, H.P., Boutellier, U. [Switzerland]

PP1-01-88
EFFECTS OF PHYSICAL ACTIVITY ON DIABESITY IN MICE
Rinnankoski, R., Silvennoinen, M., Kivelä, R., Lehti, M., Vihko, V., Kainulainen, H. [Finland]

PP1-01-89 [YIA]
EFFECT OF INTERMITTENT HIGH-INTENSITY EXERCISE COMPARED TO MODERATE CONTINUOUS EXERCISE ON GLUCOSE PRODUCTION AND UTILISATION IN INDIVIDUALS WITH TYPE 1 DIABETES
Guelfi, K., Ratnam, N., Smythe, G., Jones, T., Fournier, P. [Australia]

PP1-01-90 [YIA]
INFLUENCE OF CLIMBING STYLE ON PHYSIOLOGICAL RESPONSES DURING INDOOR ROCK CLIMBING ON ROUTES WITH THE SAME DIFFICULTY
de Geus, B., Villanueva O'Driscoll, S., Meeusen, R. [Belgium]

PP1-02 Training and Testing 1-7

CHAIRS:
HARTMANN, H. [GERMANY]
GLEESON, G. [UNITED KINGDOM]
URHAUSEN, U. [LUXEMBOURG]
AMESBERGER, A. [AUSTRIA]
FUCHSLOCHER, F. [SWITZERLAND]
BÖNING, B. [GERMANY]

PP1-02-1 [YIA]
HIGH ABILITY AND TALENT IDENTIFICATION IN SWIMMING, WRESTLING, AND GYMNASTICS
Révész, L., Trzaskoma-Bicsérdy, G., Bognár, J., Géczy, G. [Hungary]

PP1-02-2 [YIA]
PREDICTION OF RESTING HEART RATE VARIABILITY FROM TRAINING LOAD TIME SERIES
Di Michele, R., Merni, F. [Italy]

PP1-02-3 [YIA]
HEART RATE RESPONSE TO STEADY STATE RUNNING REFLECTS AEROBIC FITNESS AND RUNNING ECONOMY
Niva, A. 1, Nissilä, J. 1, Pullinen, T. 2, Juuti, R. 2, Kinnunen, H. 1 [Finland]

PP1-02-4 [YIA]
EFFECT OF WEARING AMERICAN FOOTBALL HELMETS ON NECK FUNCTION IN EXTENSION AND FLEXION
Hume, P.J., McCarthy, P.W., Lark, S.D., Heusch, A.I. [United Kingdom]

PP1-02-5 [YIA]
ANALYSIS OF COGNITIVE ACTION VELOCITY OF FEMALE HANDBALL GOALKEEPERS AS A BASIS FOR EFFECTIVE TRAINING IMPROVEMENT
Speicher, U., Kleinöder, H., Klein, G., Mester, J. [Germany]

PP1-02-6 [YIA]
RELIABILITY AND SENSITIVITY OF SPRINT PERFORMANCE THROUGHOUT 3H CYCLING
Currell, K., Kirk, T., Jentjens, R., Jeukendrup, A. [United Kingdom]

PP1-02-7 [YIA]
THE EFFECTS OF PRELOADING USING HEAVY RESISTANCE EXERCISE ON ACUTE POWER OUTPUT DURING LOWER-BODY COMPLEX TRAINING
Schneiker, K.T., Billaut, F., Bishop, D. [Australia]

PP1-02-8 [YIA]
WHOLE-BODY VIBRATION-INDUCED IMPROVEMENTS IN STATIC BALANCE CONTROL AND KNEE EXTENSORS AND FLEXORS ISOKINETIC STRENGTH OF MIDDLE-AGED WOMEN
Spillipoulou, S.I., Amiridis, I.G., Oikonomidis, D. [Greece]

PP1-02-9 [YIA]
HEART RATE AND LACTATE PROFILE IN BEACH SOCCER
Lederhilger, B., Trauner, T., Schwameder, H. [Austria]

PP1-02-10 [YIA]
MUSCLE DE-OXYGENATION AND NEUROMUSCULAR FATIGUE DURING REPEATED SUPRA-MAXIMAL EXERCISE
Racinis, S., Bishop, D., Denis, R., Lattier, G., Mendez-Villaneuva, A., Perrey, S. [France]

PP1-02-11 [YIA]
PHYSIOLOGICAL PROFILES OF JUDO ATHLETES AND CLIMBERS: A COMPARISON
Poeccco, E., Holztrattner, E. [Austria]

PP1-02-12 [YIA]
MOTORCYCLING COMPETITION: IS CARDIAC LOAD DEPENDENT TO TRACK? A CASE STUDY
D'Artibale, E. 1, Tessitore, A. 1+2, Tiberi, M. 1+3, Capranica, L. 1 [Italy]

PP1-02-13 [YIA]
RELATIONSHIP BETWEEN PLANTAR PRESSURE AND SUBJECTIVE PERCEPTION PROPERTIES DURING LANDING ON MATS
Pérez, P., Llana, P., Alcantara, E. [Spain]

PP1-02-14 [YIA]
A THEORETICAL ANALYSIS OF THE TAPER IN COMPETITIVE SWIMMERS
Thomas, L., Mujika, I., Busso, T. [France]

PP1-02-15 [YIA]
HEAT TRANSFER CHARACTERISTICS OF ROWING HEADGEAR WITH RADIANT HEAT FLOW
Bogerd, C.P., Brühwiler, P., Heus, R. [Switzerland]

PP1-02-16 [YIA]
PHYSIOLOGICAL, HORMONAL AND TECHNICAL ASPECTS OF THE SOCCER GOALKEEPER: A CASE STUDY
Cortis, C. 1, Tessitore, A. 1+2, Meeusen, R. 2, Pagella, A. 1, Capranica, L. 1 [Italy]

PP1-02-17 [YIA]
CORRELATION BETWEEN KICKING PERFORMANCE, HORIZONTAL JUMP AND SPRINTING PERFORMANCE
Sporis, G., Vueti, V., Mihai, V., Juki, I. [Croatia]

PP1-02-18 [YIA]
PHYSIOLOGICAL CHARACTERISTICS OF ELITE FEMALE WATER POLO PLAYERS: CHANGES FROM PREPARATORY TO COMPETITIVE PHASE OF TRAINING
Marrin, K., Bampouras, T.M. [United Kingdom]

PP1-02-19 [YIA]
SYSTEMATIC ANALYSIS OF RUNNING SPEED LOADS IN THE WORLD CLASS TENNIS
Pieper, S., Gemperlein, A., Weber, K. [Germany]

PP1-02-20 [YIA]
EFFECTS OF STRENGTH, ENDURANCE AND COMBINED TRAINING ON BLOOD TESTESTRON & CORTISOL CONCENTRATION, VO2 MAX, ANAEROBIC POWER, MAXIMUM STRENGTH AND BODY COMPOSITION IN UNTRAINED MEN
Ghahramanloo, E., Alinejad, G. [Iran]

PP1-02-21 [YIA]
COMBINED TRAINING INDUCES SPECIFIC METABOLIC AND STRUCTURAL ADAPTATIONS IN ELDERLY WITH HIGH INITIAL VO2 MAX
Verney, J., Kadi, F., Charifi, N., Feasson, L., Castells, J., Piehl-Aulin, K., Denis, C. [France]

PP1-02-22 [YIA]
A THREE-DIMENSIONAL ANALYSIS OF BACKWARD FLIC-FLAC IN MALE AND FEMALE GYMNASTS
Lovecchio, N., Grandi, G., Galante, D., Milesi, I., Grassi, G.P., Ferrario, V.F. [Italy]

PP1-02-23 [YIA]
VO2 /W-RELATIONSHIP DURING RAMP CYCLE EXERCISE DEPENDS ON THE METABOLIC MEASUREMENT SYSTEM
Boone, J., Bouckaert, J., Koppo, K. [Belgium]

PP1-02-24 [YIA]
TRUNK MOVEMENTS DURING ERGOMETER ROWING. A THREE-DIMENSIONAL NON INVASIVE STUDY
Galante, D., Lovecchio, N., Casiraghi, E., Andreoleffi, M., Sforza, C. [Italy]

- PP1-02-25 [YIA] WITH A CYCLE ERGOMETRY-LACTATE THRESHOLD
MODELING OF TRAINING AND SPORT
PERFORMANCE IN SHOOTING
Gulbinskiene, V., Skarbalius, A. [Lithuania]
- PP1-02-26 [YIA] INFLUENCE OF RECOVERY INTENSITY ON
PERFORMANCE DURING A SINGLE INTERMITTENT
SESSION IN YOUNG ATHLETES
Thevenet, D., Tardieu-Berger, M., Prioux, J. [France]
- PP1-02-27 [YIA] EARLY SPECIALIZATION VERSUS MULTILATERAL
DEVELOPMENT: COMPARISON OF BODY
COMPOSITION, PHYSICAL PERFORMANCE, AND
PHYSICAL ACTIVITIES BETWEEN THE CZECH AND
NORWEGIAN YOUNG CROSS-COUNTRY SKIERS
Randakova, R. [Czech Republic]
- PP1-02-28 [YIA] VALIDITY OF UKRAINIAN MILITARY SPORTS
COMPLEX'S NORMATIVE SUPPORT
Mykhaylov, V., Zanevsky, I. [Ukraine]
- PP1-02-29 PEAK POWER OUTPUT IN RESPONSE TO WHOLE-
BODY INCREMENTAL SIMULATED SWIMMING USING
A NOVEL ERGOMETER
*Swaine, I.L., Dunford, M.J., Hunter, A.M., Carlton,
K.J., Wiles, J.D., Coleman, D.A. [United Kingdom]*
- PP1-02-30 PLANNING OF CHILDREN AND ADOLESCENT
DISTANCES IN ORIENTEERING
Smila, B., Fernate, A. [Latvia]
- PP1-02-31 RATINGS OF PERCEIVED EXERTION AND
PHYSIOLOGICAL RESPONSES DURING AN
INCREMENTAL LABORATORY TEST IN RHYTHMIC
GYMNASTS
*Douda, H., Panayiotou, G., Volaklis, K.,
Tokmakidis, P.S. [Greece]*
- PP1-02-32 TRANSDISCIPLINARY ASPECTS OF ORIENTEERS'
TRAINING PROCESS
Fernate, A. 1, Smila, B. 2, Grants, J. 2 [Latvia]
- PP1-02-33 COMPARISON OF TWO SPECIFIC ICE HOCKEY
ENDURANCE FIELD TESTS, ON-ICE AND OFF-ICE,
WITH A CYCLE ERGOMETRY-LACTATE THRESHOLD
TEST IN JUNIOR ELITE PLAYERS
*Clenin G., Fluri P., Altorfer R., Zürcher S., Tschopp
M., Marti B. [Switzerland]*
- PP1-02-34 DISABILITIES AND LIFESAVING SPORT
*Magini, V., Vossel T., Dapretto, L., Robert, P.,
Andreana, G. [Italy]*
- PP1-02-35 SPECIFICATION OF EPISODE CLASSES IN SOCCER AS
CONTRIBUTION FOR MODELLING
*Gäbe, M., Holzer, C., Hartmann U., Radig B.,
Beetz M. [Germany]*
- PP1-02-36 TIME AND TECHNIQUE ANALYSIS OF A JUDO FIGHT:
A COMPARISON BETWEEN MALES AND FEMALES
*Van Malderen, K., Jacobs, C., Ramon, K., Evert,
Z., Deriemaeker, P., Clarys, P. [Belgium]*
- PP1-02-37 IS INITIAL AEROBIC PHYSICAL PERFORMANCE LEVEL
ASSOCIATED WITH THE CHANGES IN VO₂MAX
DURING 8-WEEK MILITARY BASIC TRAINING?
*Tanskanen, M., Uusitalo, A., Huovinen, J.,
Linnamo, V., Kyröläinen, H. [Finland]*
- PP1-02-38 BIOMETRIC PROFILE OF BELGIAN KAYAK ATHLETES
*Duquet, W., Deriemaeker, P., Okunkova, O.,
Clarys, P. [Belgium]*
- PP1-02-39 STRENGTH AND SPEED, OF ELITE, SUBELITE AND
AMATEUR YOUNG SOCCER PLAYERS
*Gissis, I., Kalapotharakos, V.I., Papadopoulos,
C., Grezios, A. [Greece]*
- PP1-02-40 THE EFFECT OF CONCURRENT TRAINING IN MUSCLE
STRENGTH AND ENDURANCE IN SOCCER PLAYERS
*Kalapotharakos, V., Papadopoulos, C., Gissis, I.,
Grezios, A. [Greece]*
- PP1-02-41 COMPARISON OF MOTOR ABILITY OF YOUTH
PRACTISING AND NOT PRACTISING EASTERN
COMBAT KUNG-FU SPORTS
Witkowski, K., Stefaniak, T. [Poland]
- PP1-02-42 CHANGES IN MATCH-SPECIFIC SPRINTING
PERFORMANCE IN RELATION TO TRAINING LOADS
IN ELITE RUGBY LEAGUE PLAYERS
Coutts, A., Sirotic, A., Knowles, H. [Australia]
- PP1-02-43 THE EFFECTS OF TWO METHODS OF PLYOMETRIC
AND WEIGHT TRAINING ON THE KICKING,
EXPLOSIVE POWER AND THE SPEED OF SOCCER
PLAYERS
Hojjat, S., Tarverdizadeh, B., Sheikh, A.K. [Iran]
- PP1-02-44 PRE- AND POST-DECISIONS OF TOP HANDBALL
COACHES BEFORE AND AFTER GAMES AND
TRAINING SESSIONS
Sequeira, P., Rodrigues, J. [Portugal]
- PP1-02-45 ENHANCING VERTICAL JUMP PERFORMANCE OF
VOLLEYBALL ATHLETES – A COMPARATIVE STUDY
BETWEEN RUBBER BAND ASSISTED AND
TRADITIONAL PLYOMETRIC TRAINING
*Ángelo, R., Carvalho, A., Mourão, P., Pereira, N.,
Carvalho, C. [Portugal]*
- PP1-02-46 EVALUATION OF POLING FORCES AND TIMING IN
ROLLER SKIING AT DIFFERENT GRADES
Pellegrini, B., Bortolan, L., Schena, F. [Italy]
- PP1-02-47 COMPUTER SIMULATION OF THE KINETICS OF THE
MUSCULAR ENERGY METABOLISM IN AN
INDIVIDUAL TIME TRIAL - A CASE STUDY
Weber, S., Platen, P. [Germany]
- PP1-02-48 PHYSICAL ACTIVITY OF WOMEN DURING
PREGNANCY
Psalman, V., Ruzickova, D. [Slovakia]
- PP1-02-49 A RE-APPRAISAL OF THE RELIABILITY OF THE 20 M
MULTI-STAGE SHUTTLE RUN TEST
Lamb, K., Rogers, I. [United Kingdom]
- PP1-02-50 POSITION SPECIFIC SOMATOTYPES OF TOP-LEVEL
AND JUNIOR AUSTRIAN MALE HANDBALL PLAYERS
*Clarys, P., Taeymans, J., Clijsen, R., Rothe, H.,
Duquet, W. [Belgium]*
- PP1-02-51 INVESTIGATION INTO THE RELATIONSHIP BETWEEN
ANAEROBIC COMPONENTS OF PHYSICAL FITNESS
(POWER AND CAPACITY) AND AEROBIC POWER IN
PARALYMPIC ATHLETES WITH LOCOMOTOR
DISABILITY
*Bernardi M.1,2, Alviti F.1, De Blasiis E.1, Di
Giacinto B.1, Guerra E.1, Marini C.3, Sardella F.3
and Marchetti M. 1. [Italy]*
- PP1-02-52 THE EFFECT OF HIGH-INTENSITY INTERVAL TRAINING
COMBINED WITH APPLICATION OF EXTERNAL
PRESSURE ON THIGHS ON PEAK POWER OUTPUT
*Keramidas, M., Kounalakis, S.,
Anastassopoulos, S., Nassis, G., Koskolou, M.,
Geladas, N. [Greece]*
- PP1-02-53 EFFECT OF HIGH-INTENSITY INTERVAL TRAINING ON
MAXIMAL AND SUBMAXIMAL PERFORMANCE
*Keramidas, M., Kounalakis, S., Nassis, G.,
Koskolou, M., Geladas, N. [Greece]*
- PP1-02-54 HEART RATE MONITORING AT OFF SHORE SAILING
Psalman, V., Kasa, J., Balaz, J. [Slovakia]
- PP1-02-55 KINETIC RESPONSE OF CORTISOL AND
TESTOSTERONE TO FOUR DIFFERENT EXERCISE
PROTOCOLS PERFORMED BY WELL TRAINED
SWIMMERS
Rama, L., Rosado, F., Teixeira, A. [Portugal]
- PP1-02-56 SPORT DIRECTORS REPRESENTATIONS ABOUT THE
SOCCER COACH
Costa, J.P., Rosado, A. [Portugal]
- PP1-02-57 SOCCER COACH'S REPRESENTATIONS ABOUT
COACH EDUCATION MODELS
Costa, J.P., Rosado, A. [Portugal]
- PP1-02-58 PLASMATIC AMINO ACIDIC BALANCE AND DIET
SUPPLY DURING CYCLING TRAINING
*Merni, F., Faina, M., Bargossi, A.M., Fiorella, P.,
Posabella, G. [Italy]*
- PP1-02-59 MOVEMENT ANALYSIS OF DEGENERACY IN
BASKETBALL SHOOTING AT VARIABLE DISTANCES
*Mayer-Kress, G., Chiang, H., Liu, Y. [United
States]*
- PP1-02-60 EVALUATION OF RAPIDITY IN KARATE
Merni, F., Pecoraioli, F. [Italy]
- PP1-02-61 EFFECTS OF ELITE RHYTHMIC GYMNASTICS
TRAINING ON VOLUMETRIC BONE DENSITY AND
BONE GEOMETRY OF PREPUBERTAL GIRLS AS
ASSESSED BY PERIPHERAL QCT
*Michopoulou, E., Leontsini, D., Tournis, S.,
Raptoy, P., Michalopoulou, M., Krekoukia, M.,
Fatouros, I., Godolias, G., Taxildaris, K., Lyritis, G.
[Greece]*
- PP1-02-62 MOTOR SKILLS AND PHYSICAL PERFORMANCE IN
BRAZILIAN WHEELCHAIR BASKETBALL PLAYERS
*Zoppi, C.C., Almeida, M., Schwingel, P.A., Sá,
C.K. [Brazil]*
- PP1-02-63 INFLUENCE OF SPRINT TRAINING UNDER HYPOXIC
CONDITIONS ON THE RATE OF MUSCLE OXYGEN
CONSUMPTION AFTER MAXIMAL PEDALING
EXERCISE
Ito, O., Katsumura, T., Kawahara, T. [Japan]
- PP1-02-64 TESTS OF PHYSICAL EVALUATION AND
PERFORMANCE LEVEL: COMPARISON BETWEEN
NATIONAL AND REGIONAL BOXERS
*Michielon, G., Scurati, R., Roione, G.C., Longo, S.,
Invernizzi, P.L. [Italy]*
- PP1-02-65 PERFORMANCE EFFICIENCY IN KARATE: A SPECIFIC
TEST TO EVALUATE IT IN THE KUMITE
*Michielon, G., Scurati, R., Roione, G.C., Longo, S.,
Invernizzi, P.L. [Italy]*
- PP1-02-66 DIFFERENT CONTRIBUTION OF STEP RATE AND STEP
LENGTH TO 40M-SPRINT RUNNING PERFORMANCE
IN SWISS JUNIOR NATIONAL TEAM SOCCER PLAYERS
Tschopp, M., Hübner, K., Zürcher, S. [Switzerland]
- PP1-02-67 ANALYSIS OF THE TEMPORAL AND THE TECHNICAL
STRUCTURES EMPLOYED IN JUDO COMBAT BY

Poster Sessions

YOUNG ATHLETES AT REGIONAL AND NATIONAL LEVEL

Scurati, R., Michielon, G., Roione, G.C., Longo, S., Invernizzi, P.L. [Italy]

PPI-02-68
PROFESSIONAL COMPETENCE IN ORIENTEERING
Carvalho, L., Bento, P. [Portugal]

PPI-02-69
FEEDBACK IN SWIMMING BY MEANS OF A SUBAQUATIC CHRONOMETER
Pérez, P., Llana, S. [Spain]

PPI-03 Health and Fitness 1-5

CHAIRS:

HOPMAN-ROCK, H. [NETHERLANDS]

SCHEINA, S. [ITALY]

VAN POPPEL, V. [NETHERLANDS]

SCHUTZ, S. [SWITZERLAND]

PPI-03-1 [YIA]
INFLUENCE OF SAMPLING RATE ON THE EVALUATION OF ACCELEROMETRY DATA OF CHILDREN
Ruch, N., Mäder, U., Rumo, M. [Switzerland]

PPI-03-2 [YIA]
DEVELOPMENT OF HEALTH PROMOTION SYSTEM BY THE COMPUTER ADAPTED TEST
Nanba, H., Nakano, T., Hasebe, K., Nishijima, T., Kuno, S. [Japan]

PPI-03-3 [YIA]
2-YEARS FOLLOW-UP DATA OF DIFFERENT WALKING TECHNIQUES TO IMPROVE CARDIOVASCULAR RISK PROFILE IN DYSLIPIDAEMIC POSTMENOPAUSAL WOMEN
Laqué, M.K., Becker, S., Knigge, H., Montiel, G., Predel, H.-G. [Germany]

PPI-03-4 [YIA]
LONGITUDINAL ANALYSIS OF WEIGHT TRAINING INJURIES IN DE NEISS DATA BASE
Morencos, E., Benito, P.J., González-Gross, M., Calderón, F.J., Díaz, V., Martín, C., Peinado, A.B. [Spain]

PPI-03-5 [YIA]
REGULARLY PERFORMED SWIMMING EXERCISE DOES NOT INDUCE INCREASE OF BASAL METABOLIC RATE ASSOCIATED WITH SOFT LEAN TISSUE MASS IN POSTMENOPAUSAL WOMEN
Usui, C., Miyatani, M., Sanada, K., Miyachi, M., Tabata, I., Higuchi, M. [Japan]

PPI-03-6 [YIA]
IS COMPETITIVE SWIMMING A SUITABLE VEHICLE TO ACHIEVE HEALTH BENEFITS?
Rivero, O., Sarmiento, L. [Spain]

PPI-03-7 [YIA]
THE RELATIONSHIP OF CARDIORESPIRATORY FITNESS VERSUS SELF-REPORTED PHYSICAL ACTIVITY WITH BLOOD PRESSURE, BODY MASS INDEX AND WAIST CIRCUMFERENCE IN MIDDLE-AGED MEN AT RISK OF METABOLIC SYNDROME
Scott, A.T., Woolf-May, K., Swaine, I.L. [United Kingdom]

PPI-03-8 [YIA]
EFFECTS OF EXERCISE ON FAT OXIDATION RATES IN OBESE CHILDREN
Zunquin, G., Theunynck, D., Sesboue, B., Arhan, P., Boughe, D. [France]

PPI-03-9 [YIA]
DIFFERENCES IN DAILY ACTIVITY LEVELS, DIETARY INTAKE, AND BODY COMPOSITION IN PRIMARY SCHOOL CHILDREN WHO WALK TO AND FROM SCHOOL COMPARED TO THOSE WHO TRAVEL BY CAR
Ford, P.A., Bailey, R., Coleman, D.A., Swaine, I.L. [United Kingdom]

PPI-03-10 [YIA]
STANDARDIZATION OF THE WC, WHR, WSR, AND PERCENT BODY FAT AND THE INVESTIGATION OF RELATIONSHIP BETWEEN THEM, AND PHYSICAL ACTIVITY AMONG 30-55 YEAR OLD WOMEN IN TEHRAN
Fathi, R., Gharakhnlou, R., Agha Ali Nejad, H. [Iran]

PPI-03-11 [YIA]
WALKING AND BODY COMPOSITION: HOW MANY DAYS NEED TO CHANGE BODY COMPOSITION?
Jafari, A., Moradi, M., Salimi, A. [Iran]

PPI-03-12
PHYSICAL ACTIVITY AND PREGNANCY OUTCOME. AN OBSERVATIONAL STUDY
Barakat Carballo, R., Rojo González, J.J., Rodriguez Cabrero, M. [Spain]

PPI-03-13
PELVIC FLOOR IN ATHLETES. A PROPOSAL OF WORK
Rojo González, J.J., Rodriguez Cabrero, M., Barakat Carballo, R. [Spain]

PPI-03-14
EXERCISE DURING TWIN PREGNANCY. IS IT POSSIBLE?
Rodriguez Cabrero, M., Barakat Carballo, R., Rojo González, J.J. [Spain]

PPI-03-15
ISOKINETIC STRENGTH EFFECTS OF WATER-BASED VS. LAND-BASED FITNESS PROGRAMS IN OLDER ADULTS
Carvalho, J. I., Fontes, S. I., Soares, J. 2, Mota, J. I. [Portugal]

PPI-03-16
PHYSICAL ACTIVITY, BALANCE AND FEAR OF FALLING ON INSTITUTIONALIZED ELDERLY SUBJECTS
Carvalho, J., Pinto, J., Mota, J. [Portugal]

PPI-03-17
FLOW VISUALIZATION AROUND A HIGH-LEVEL SWIMMER: COMPREHENSION OF DRAG INFLUENCE (SUBSTITUTE THE 1537)
Tajari, R., Zaidi, H., Polidori, G., Houel, N., Valois, Y., Laville, M. [France]

PPI-03-18
DIFFERENTIATION OF THE RISK FACTORS IN AGREEMENT WITH THE LEVEL OF PHYSICAL ACTIVITY
Lima, W.A., Glaner, M.F. [Brazil]

PPI-03-19
RISK FACTORS BETWEEN MEN WITH POSITIVE OR NEGATIVE FAMILY REPORTS FOR CARDIOVASCULAR DISEASES
Lima, W.A., Glaner, M.F. [Brazil]

PPI-03-20
PHYSICAL EVIDENCES OF DISEASE RISK FACTORS IN FEMALE EMPLOYEES
Oliveira, F.P., Vigário, P.S., Terra, B., Vieira, R.S., Jotta, B., Rodrigues, C. [Brazil]

PPI-03-21
IS PHYSICAL ACTIVITY LEVEL REDUCED IN CHILDREN WITH CHRONIC DISEASES ?
Farpour-Lambert, N.J., Martin, X., Keller-Marchand, L., Trigona, B., Oehrl, M., Schwitzgebel, V., Aggoun, Y., Hofer, M., Beghetti, M. [Switzerland]

PPI-03-22
EFFECT OF AN INPATIENT INTERVENTION ON AEROBIC FITNESS IN PATIENTS WITH JUVENILE OBESITY
Knöpfli, B.H., Schätzle, B., Lehmann, M., Radtke, T. [Switzerland]

PPI-03-23
ECCENTRIC ERGOMETRY AS STRENGTH TRAINING FOR ELDERLY SUBJECTS
Havas, E., Purtsi, J., Heiskanen, J., Selanne, H., Viikio, V. [Finland]

PPI-03-24
SELF-REPORTED WAKING AND SLEEPING PERIODS VERSUS VALUES ESTIMATED FROM ACCELEROMETRY DATA
Rumo, M., Ruch, N., Mäder, U. [Switzerland]

PPI-03-25
METABOLIC SYNDROME AND PHYSICAL ACTIVITY LEVEL IN PREPUBERTAL OBESE CHILDREN
Farpour-Lambert, N.J., Keller-Marchand, L., Martin, X., Trigona, B., Schwitzgebel, V., Aggoun, Y., Beghetti, M. [Switzerland]

PPI-03-26
THE RELATIONSHIP BETWEEN THE RESPIRATORY FUNCTION AND MOTOR ABILITIES OF THE ELDERLY
Rożek, K., Ignasiak, Z., Piechura, J., Slawinska, T. [Poland]

PPI-03-27
MODERATE, VIGOROUS PHYSICAL ACTIVITY AND WALKING CHARACTERISTICS OF NON-SEDENTARY WOMEN ACCORDING TO CHRONOLOGICAL AGE
Cruciani, F., Araújo, T., Matsudo, S.M., Ferreira, M.T., Matsudo, V.K. [Brazil]

PPI-03-28
RELATION OF BODY MASS INDEX TO FAT AND FAT-FREE MASS AMONG GREEK CHILDREN
Christodoulos, A., Tokmakidis, S.P., Douda, H. [Greece]

PPI-03-29
THE EFFECT OF PHYSICAL ACTIVITY ON POSTURAL STABILITY IN OLDER WOMEN
Ostrowska, B. [Poland]

PPI-03-30
6-YEAR EVOLUTION OF PHYSICAL ACTIVITY LEVEL OF ADULTS OVER 50 YEARS-OLD
Ferreira, M., Matsudo, S.M., Araújo, T.L., Matsudo, V.K. [Brazil]

PPI-03-31
BASELINE DATA FROM A 2 YEAR SCHOOL-BASED INTERVENTION IN RURAL NORWAY
Resaland, G.K., Mamen, A., Anderssen, S.A., Andersen, L.B. [Norway]

PPI-03-32
BODY COMPOSITION AS PREDICTOR OF MUSCLE STRENGTH. THE AVENA STUDY
Urzanqui, A. 1+2, González-Gross, M. 1+2, Barrios, L. 3, Ortega, F.B. 2, Valtueña, J. 1+2, Moreno, L.A. 4, García-Fuentes, M. 5, Benito, P.J. 1, Gutiérrez, A. 2 [Spain]

PPI-03-33
REVIEW OF SCIENTIFIC LITERATURE IN ADAPTED PHYSICAL ACTIVITY AND DISABILITY SPORT
Trost, T., Cliga, D., Petrinovic-Zekan, L. [Croatia]

PPI-03-34
MUSCLE QUALITY: EFFECTS OF THREE DIFFERENT TRAINING PROGRAMS IN OVERWEIGHT WOMEN
Valamatos, M.J., Pinto, R., Carnero, E., Sardinha, L., Santos, P. [Portugal]

PPI-03-35
BONE MASS IS POSITIVELY ASSOCIATED WITH PHYSICAL ACTIVITY, MUSCLE STRENGTH, FITNESS AND LEAN BODY MASS IN SWISS SCHOOL CHILDREN [ISRCTN15360785]
Kriemler, S., Zahner, L., Puder, J.J., Roth, R., Schmid, M., Guldimann, R., Knöpfli, M., Rizzoli, R. [Switzerland]

PPI-03-36
ANTHROPOMETRIC AND FUNCTIONAL CHARACTERISTICS IN SCHOOL CHILDREN FROM BOLOGNA (ITALY)
Brasili, P., Merni, F., Cecilian, A., Ventrella, A., Semprini, G., Toselli, S. [Italy]

PPI-03-37
HIGHER BMI IS ASSOCIATED WITH LOWER PHYSICAL FITNESS AND LONGER SICK LEAVES
Kyröläinen, H., Häkkinen, A., Kautiainen, H., Santtila, M., Pihlainen, K., Häkkinen, K. [Finland]

PPI-03-38
NET CALORIC COST IN THREE DIFFERENT PROTOCOLS – AEROBIC, STRENGTH, AND CONCURRENT TRAINING IN PRE MENOPAUSE OVERWEIGHT WOMEN
Pinto, R., Valamatos, M.J., Carnera, E., Santos, P., Sardinha, L., Rasoilo, J. [Portugal]

PPI-03-39
LEISURE TIME PHYSICAL ACTIVITY AMONG NORWEGIAN YOUTH
Mamen, A., Aaberge, K. [Norway]

PPI-03-40
RIGID FOOT ORTHOSES AND POSTURAL STABILITY
Berger, L., Blanc, S. [France]

PPI-03-41
WALKING AND BODY COMPOSITION: HOW MANY DAYS NEED TO CHANGE BODY COMPOSITION?
Jafari, A., Moradi, M., Salimi, A. [Iran]

PPI-03-42
STUDY ON THE FACTORS AFFECTING IN ADOLESCENTS THE PEAK BONE MASS
Michiko, M., Noriko, M., Haruo, S. [Japan]

PPI-03-43
THE ISSUE OF ALCOHOL AS A DOPING DRUG: DOSE-RESPONSE STUDIES USING A MOTORIC TEST BATTERY
Schulz, T., Pullmann, T., Buehlmeyer, K., Kornmayer, A., Spitzenpfeil, P., Michna, H. [Germany]

PPI-03-44
PHYSICAL FITNESS AND QUALITY OF LIFE IN ELDERLY WOMEN – STUDENTS OF THE UNIVERSITY OF THE THIRD AGE AT WROCLAW UNIVERSITY IN POLAND
Dabrowska, G., Ignasiak, Z., Woźniak, M., Żurek, G., Wnuk, W. [Poland]

PPI-03-45
EFFECT OF VISUAL FEEDBACK ON MAINTENANCE OF HR TARGET DURING INDOOR CYCLING
Piacentini, M.F., Carminucci, R., Quinci, M.L., Capranica, L. [Italy]

PPI-03-46
EVOLUTION OF THE SOMATOTYPE AND BODY COMPOSITION OF ADOLESCENT CLASSIC BALLET DANCERS
Sillero Quintana, M., García, A., Refoyo, I., Garrido, G. [Spain]

PPI-03-47
PERFORMANCE AND EXERTIONAL VARIATIONS DURING WALKING, RUNNING AND JUMPING ON TERRAINS OF VARYING COMPLIANCE
Davies, S. [South Africa]

PPI-03-48
LEVEL OF PHYSICAL FITNESS AMONG YOUNG TURKISH CYPRIOT POPULATION: ASSOCIATION OF PHYSICAL FITNESS WITH OBESITY IN 7425 EUROFIT TEST RESULTS OF JUNIOR SCHOOL CHILDREN
Ahmedov, S., Emiroglu, O., Atamturk, H., Burgul, N., Tinazci, C. [Cyprus]

PPI-04 Sports Medicine 1-3

CHAIRS:

KAYSER, K. [SWITZERLAND]
KRIEMLER, K. [SWITZERLAND]
MEUBOOM, M. [SWITZERLAND]
MEYER, M. [UNITED STATES]

PPI-04-1 [YIA]
INFLUENCE OF BEHAVIOUR, LIFESTYLE AND SOCIAL COMPONENTS ON CARDIOVASCULAR DISEASE RISK FACTORS IN PARTICULAR THE METABOLIC SYNDROME (MTS) IN THE PRÄFORD COLLECTIVE
Kosminski, R., Predel, H.-G., Latsch, J. [Germany]

PPI-04-2 [YIA]
ANALYSIS OF THE MOST FREQUENT INJURIES IN KARATE ACCORDING TO THE RISK FACTORS AND THE LOCALIZATION
Gógl, Á., Hilda, T., Dékány, M., Györe, I., Pucso, J., Nánai, F. [Hungary]

PPI-04-3 [YIA]
AIRWAY SECRETION DURING EXERCISE IS IMPAIRED IN EXERCISE INDUCED ASTHMA AND IN CYSTIC FIBROSIS
Schmitt, L., Dehnert, C., Frese, F., Bärtsch, P., Mairböuml, H. [Germany]

PPI-04-4 [YIA]
RELATION OF THE OXIDATIVE DNA DAMAGE TO LYMPHOCYTOPENIA AFTER HIGH INTENSITY EXERCISE
Tanimura, Y., Shimizu, K., Yamauchi, R., Tanabe, K., Otsuki, T., Iemitsu, M., Maeda, S., Ajsaka, R. [Japan]

PPI-04-5 [YIA]
ANTROPOMETRICAL PREDICTORS OF CARDIAC PARAMETERS, VO₂MAX AND MYOCARDIAL OXYGEN UPTAKE IN ELITE MALE BASKETBALL PLAYERS AND SEDENTARY CONTROLS
Popovic, D., Ostojic, M.C., Mazic, S., Stojiljkovic, S., Djordjevic-Dikic, A., Dikic, N., Mitrovic, D. [Serbia and Montenegro]

PPI-04-6 [YIA]
IMPACT OF CHRONIC ECCENTRIC EXERCISE ON MRF, MYOSTATIN AND MYH3 MRNA EXPRESSION IN HUMAN SKELETAL MUSCLE
Costa, A., Hissam, D., Zsolt, C., Hegyesi, H., Tihanyi, J. [Hungary]

PPI-04-7 [YIA]
ACUTE EFFECTS OF EXERCISE TRAINING ON BLOOD PRESSURE IN PATIENTS WITH PREHYPERTENSION AND HYPERTENSION STAGE I
Punter, E. [Austria]

PPI-04-8
THE LOW BACK PAIN SYNDROME IN BASKETBALL PLAYERS
Knipshe, G., Cupriks, L. [Latvia]

PPI-04-9
RELATION BETWEEN ESTIMATES OF BODY FAT BY MEANS OF ANTHROPOMETRY, UNDERWATERWEIGHING AND BIOELECTRICAL IMPEDANCE AS MEASURED IN SPORTIVE YOUNG ADULTS
Deriemaeker, P., Clarys, P., Van Acker, A., Duquet, W. [Belgium]

PPI-04-10
THE EFFECT OF ACUTE PHYSICAL EXERCISE ON STEROIDHORMONE PROFILE AND CYCLOOXYGENASE ENZYME MEDIATORS AND OTHER METABOLIC PARAMETERS IN COMBAT SPORTS
Pucso, J.M., Györe, I., Hollósi, I., Soós, E., Horváth, I. [Hungary]

PPI-04-11
AQUATIC EXERCISE PROGRAM-EFFECTS ON PHYSICAL FUNCTION IN PATIENTS WITH KNEE OSTEOARTHRITIS
Pais, S., Espanha, M., Santos, M., Alves, V., Silva, C. [Portugal]

PPI-04-12
VALIDITY AND REPRODUCIBILITY OF SELF-ASSESSMENTS OF SEXUAL MATURATION STATUS IN BRAZILIAN BOYS
Bergamaschi, J.P., Matsudo, S.M., Ferreira, M.T., Matsudo, V.K. [Brazil]

PPI-04-13
AGING EFFECTS IN ISOKINETIC STRENGTH IN ELDERLY WOMEN WITH AND WITHOUT KNEE OSTEOARTHRITIS
Espanha, M., Pais, S., Santos, M., Alves, V., Silva, C. [Portugal]

PPI-04-14
IS QUALITY OF LIFE REDUCED IN OBESE CHILDREN?
Keller-Marchand, L., Farpour-Lambert, N., Martin, X., Trigona, B., Schwitzgebel, V., Aggoun, Y., Beghetti, M. [Switzerland]

PPI-04-15
SHAPE OF THE CORNEA AND VISUAL ACUITY OF ATHLETES
Jendrusch, G., Lingelbach, B., Denhoven, P., Platen, P. [Germany]

PPI-04-16
THE EFFECT OF INSPIRATORY MUSCLES TRAINING ON SPORT PERFORMANCE
Vasilescu, M., Rusu, L. [Romania]

PPI-04-17
PHYSICAL ACTIVITY LEVEL, RESTING EXPENDITURE ENERGY, FOOD INTAKE AND BMI ACCORDING TO BONE MINERAL DENSITY IN NON-SEDENTARY POST MENOPAUSAL WOMEN
Marin, R., Camargo, L., Matsudo, S., Telles, M., Lazzaretti-Castro, M., Matsudo, V. [Brazil]

PPI-04-18
BIOMECHANICAL COMPARISON OF THE TRACK START AND THE MODIFIED ONE-HANDED TRACK START IN COMPETITIVE SWIMMING: AN INTERVENTION STUDY
Galbraith, H., Scurr, J. [United Kingdom]

PPI-04-19
RED BLOOD CELL PARAMETERS IN PRE-PUBESCENT, PUBESCENT AND MATURE HIGHLY TRAINED FOOTBALL PLAYERS
Boyadziev, N., Taralov, Z. [Bulgaria]

PPI-04-20
THE INFLUENCE OF DIET EFFECT ON FREQUENCY, STRENGTH, AND PERIOD OF DIET IN KOREAN COLLEGE STUDENT'S
Hoseong, L., Youngho, S. [Korea, South]

PPI-04-21
FREQUENCY OF MUSCULOSKELETAL INJURIES IN TURKISH ROWERS
Koz, M., Ozkaya, C., Arslan, C., Yildiz, N. [Turkey]

PPI-04-22
CUMULATIVE APPEARANCE OF DENGUE FEVER IN GERMAN PARTICIPANTS IN THE YOUTH TRACK AND FIELD WOLD CHAMPIONSHIPS IN JAMAICA 2002
Furian, T., Pfaff, G., Kimmig, P., Striegel, H., Niess, A. [Germany]

PPI-04-23
EFFECTS OF SPONTANEOUS RUNNING ON SATELLITE CELLS IN RAT SKELETAL MUSCLE
Kurosaka, M., Naito, H., Ogura, Y., Kojima, A., Goto, K., Katamoto, S. [Japan]

PPI-04-24
ACTIVATION PATTERN DIFFERS BETWEEN MONO- AND BI-ARTICULAR MUSCLES DURING A SUSTAINED CONTRACTION WITH EMG BIOFEEDBACK
Place, N., Martin, A., Duclay, J., Lepers, R. [France]

PPI-04-25
NITRIC OXIDE SYNTHASE MEDIATES BONE STRENGTHENING EFFECT OF EXERCISE IN OVARECTOMIZED RATS
Hung, W., Hsu, J.F., Lee, S.Y., Chang, C.K., Fang, J.L. [Taiwan]

PPI-04-26
RISK FOR THE HEALTH OF SOME OF THE USED SPEED GLUES FOR THE GLUING OF BLADES AND RUBBERS IN COMPETITIVE TABLE TENNIS
Porcar, C., Escoda, J., Riera, J., Drobnic, F. [Spain]

Poster Sessions

PPI-04-27
LOW BACK PAIN IN ELITE AND SEMI-ELITE FOOTBALL: A CROSS-SECTIONAL SURVEY WITH NON-ATHLETIC CONTROLS
Hoskins, W., Pollard, H., Daff, C., Odell, A., Garbutt, P., McHardy, A., Hardy, K., Dragasevic, G. [Australia]

PPI-04-28
THE EFFECT OF SPORTS CHIROPRACTIC ON THE PREVENTION OF HAMSTRING INJURIES: A RANDOMIZED CONTROLLED TRIAL
Hoskins, W., Pollard, H. [Australia]

PPI-04-29
SYNTHESIS OF MYOFIBRILLAR PROTEIN IN SKELETAL MUSCLE AND OF COLLAGEN IN TENDON OF PATIENTS WITH OSTEOARTHRITIS: RESPONSE TO EXERCISE
Petersen, S.G., Miller, B.F., Hansen, M., Holm, L., Kjaer, M. [Denmark]

PPI-04-30
EFFECTS OF TAURINE ON BLOOD LACTATE LEVEL WHICH WAS INCREASED BY RUNNING EXERCISE IN RATS
Shumpei, M., Tohru, T., Kazuyoshi, N., Hiroyasu, M., Takahiko, N., Yoshihisa, Y. [Japan]

PPI-04-31
EFFECTS OF SERIAL FATIGUING TASKS AND ACUTE RECOVERY ON INDICES OF VOLITIONAL AND MAGNETICALLY-EVOKED NEUROMUSCULAR PERFORMANCE OF THE KNEE FLEXORS IN FEMALES
Minshull, C., Walters-Edwards, M., Gleeson, N.P., Rees, D., Bailey, A. [United Kingdom]

PPI-05 Biomechanics 1-3

CHAIRS:
TIHANYI, T. [HUNGARY]
ARAMPATZIS, A. [GERMANY]
WILSON, W. [UNITED KINGDOM]

PPI-05-1 [YIA]
REPETITIVE HOPPING EXERCISE ALTERS THE SKELETAL MUSCLE ARCHITECTURE AND THE FASCICLE AND TENDON INTERACTION
Ishikawa, M., Vincent, M., Kanervo, M., Peltonen, J., Nicol, C., Chavet, P., Komi, P.V. [Finland]

PPI-05-2 [YIA]
RELATIONSHIP BETWEEN ENDURANCE CAPACITY AND CHANGES IN SURFACE ELECTROMYOGRAM SPECTRUM ANALYSIS DURING SUSTAINED SUBMAXIMAL ISOMETRIC HIKING ACTIVITY
Boyas, S., Maïsetti, O., Guével, A. [France]

PPI-05-3 [YIA]
BACKHANDSPRING PERFORMANCE MODEL BY CLUSTERS ANALYSIS
Penitente, G., Merni, F. [Italy]

PPI-05-4 [YIA]
DIFFERENCE IN KINETIC VARIABLES ACCORDING TO SHOE TYPE DURING WALKING
Kwon, B.-Y., Yi, K. [Korea, South]

PPI-05-5 [YIA]
SHORTENING-STRETCH CYCLE OF HUMAN PLANTAR FLEXORS IN VIVO: EFFECTS ON MOMENT GENERATION AND MUSCLE ARCHITECTURE
De Monte, G., Arampatzis, A. [Germany]

PPI-05-6 [YIA]
ALLOMETRICAL ANALYSIS OF THE BALL KICKING PERFORMANCE IN MALE JUNIOR SOCCER PLAYERS
Teshima, T., Yumigeta, R., Tsunoda, N. [Japan]

PPI-05-7 [YIA]
COMPERATIVE KINEMATIC ANALYSIS OF SIMILARITIES AND DIFFERENCES IN SERVE AND GROUNDSTROKES BETWEEN WHEELCHAIR AND STANDING TENNIS PLAYERS
Haudum, J., Wagner, H., Schwameder, H., Haudum, A. [Austria]

PPI-05-8 [YIA]
CREATION OF A FREE COMPUTER SCIENCE INSTRUMENT FOR THE MEASUREMENT of temporary events from contact platforms named Chronojump, and its application in sport sciences
de Blas, X. [Spain]

PPI-05-9 [YIA]
SARCOLEMMAL EXCITABILITY AFTER ECCENTRIC EXERCISE IN MAN
Piitulainen, H., Komi, P.V., Avela, J. [Finland]

PPI-05-10 [YIA]
ANALYSIS OF TWO JUMP TESTS AND THEIR LANDING PHASES IN A GROUP OF SCHOOL AGED CHILDREN
Rubio, J.A., Abián, J., Alegre, L.M., Lara, A.J., Sordo, S., Aguado, X. [Spain]

PPI-05-11 [YIA]
REGIONAL DIFFERENCES OF SEMITENDINOSUS MUSCLE CONTRACTION BEHAVIORS DURING ISOMETRIC KNEE FLEXION
Kubota, J., Torii, S., Fukubayashi, T. [Japan]

PPI-05-12 [YIA]
KINETIC DIFFERENCES BETWEEN MEN AND WOMEN IN SIX LANDING SITUATIONS
Abián, J., Alegre, L.M., Lara, A.J., Aguado, X. [Spain]

PPI-05-13 [YIA]
FATIGUE AFTER ECCENTRIC CONTRACTIONS IS MUSCLE LENGTH DEPENDENT
Desbrosses, K., Babault, N., Meyer, J.P., Pousson, M. [France]

PPI-05-14 [YIA]
INTER-SUBJECTS RUNNING DYNAMIC SIMILARITIES IN MEN AND WOMEN
Delattre, N., Lafortune, M.A., Moretto, P. [France]

PPI-05-15 [YIA]
MEAN POWER FREQUENCY LINEARLY DECREASE DURING 100 M MAXIMUM CRAWL SWIMMING
Stirn, I., Strojnik, V., Jarm, T., Vizintin, T., Kapus, V., Sarabon, N. [Slovenia]

PPI-05-16 [YIA]
KINEMATICS CHARACTERISTICS OF SNOWSHOEING UNDER DIFFERENT RUNNING SPEED
Luk, T. C., Fung, L., Leung, M. L. [Hong Kong]

PPI-05-17 [YIA]
RESEARCHES OF STROKE PARAMETERS IN PARALIMPIC SWIMMING IN TEST WITH INCREASING INTENSITY
Petriaev, A., Kleshnev, I. [Russia]

PPI-05-18 [YIA]
ENERGETICALLY OPTIMAL AND PREFERRED BICYCLING SPEEDS
Belli, A., Kram, R. [France]

PPI-05-19 [YIA]
BIOMECHANICAL MONITORING OF SCHOOLCHILDREN'S BODY KINETICS DURING PHYSICAL EDUCATION
Kashuba, V. [Ukraine]

PPI-05-20 [YIA]
THE EFFECTS OF AGING ON FUNCTION OF THE TRICEPS SURAE MUSCLE GROUP DURING FATIGUING ISOMETRIC CONTRACTIONS
Walsh, M. I., Mademli, L. Z., Arampatzis, A. Z. [United States]

PPI-05-21 [YIA]
CHANGES IN THE STEP WIDTH, STEP LENGTH, AND STEP FREQUENCY OF THE WORLD'S TOP SPRINTERS DURING A 100 M RACE
Ito, A., Ishikawa, M., Isolehto, J., Komi, P.V. [Japan]

PPI-05-22 [YIA]
AGE AND SEX DIFFERENCES IN THE SPEED OF ARM RECIPROCAL MOVEMENTS
Latecka, B., Warchalewska, M., Lapszo, J. [Poland]

PPI-05-23 [YIA]
AGE AND SEX DIFFERENCES IN SPEED OF LOCOMOTION AND ROTATION MOVEMENTS
Latecka, B., Warchalewska, M., Lapszo, J. [Poland]

PPI-05-24 [YIA]
DIFFERENCES IN SPRINTING SPEED KINEMATICS DURING GROWTH
Tomazin, K., Dolenc, A., Skof, B., Coh, M. [Slovenia]

PPI-05-25 [YIA]
A KINEMATICS AND A ONE-DIMENSIONAL COMPARISON OF PERFORMANCE FACTORS BETWEEN THE SPLIT JUMP AND THE SPLIT JUMP WITH THROW AND CATCH OF THE BALL IN RHYTHMIC GYMNASTICS
Mkaouer, B. I., Jemni, M. Z., Amara, S.M. I., Abahnini, K. I., Agrebi, B. I., Tabka, Z. Z., Feki, Y. Y. [Tunisia]

PPI-05-26 [YIA]
KINEMATIC ADJUSTMENTS IN THE BASKETBALL JUMP SHOT AGAINST A PASSIVE OPPONENT IN YOUNG BASKETBALL PLAYERS
Ignjatovic, A., Stankovic, R. [Serbia and Montenegro]

PPI-05-27 [YIA]
MECHANICAL DETERMINANTS OF THE JUMPER'S KNEE
Bisseling, R., Hof, A., Bredeweg, S., Diercks, R., Mulder, T. [Netherlands]

PPI-05-28 [YIA]
THE INFLUENCE OF ARTICULAR SURFACE GEOMETRY OF FEMORAL CONDYLES ON CONTACT PRESSURE DISTRIBUTION
Boulti, V., Gigis, P. [Greece]

PPI-05-29 [YIA]
ELECTROMYOGRAPHIC ANALYSIS OF THE DOMINANT UPPER LIMB DURING THE GOLF SWING
Pezarat-Correia, P., Cabri, J., Fernandes, O., Sousa, J.P. [Portugal]

PPI-06 Psychology 1-3

CHAIRS:
KLEINERT, K. [GERMANY]
SEILER, S. [SWITZERLAND]
BIDDLE, B. [UNITED KINGDOM]

PPI-06-1 [YIA]
THE PROCESSES BY WHICH PERCEIVED TEACHER BEHAVIOR IN PHYSICAL EDUCATION PROMOTES LEISURE TIME PHYSICAL ACTIVITY BEHAVIOR: A TRANS-CONTEXTUAL MODEL
Pihu, M., Hein, V., Koka, A. [Estonia]

PPI-06-2 [YIA]
THE EFFICACY OF RELAXATION AND MENTAL IMAGERY ON SELF-EFFICACY, COMPETITIVE ANXIETY AND SPORTIVE PERFORMANCE
Ariaporan, S., Narimani, M., Abolghasemi, A. [Iran]

PPI-06-3 [YIA]
THE DYNAMICS OF THE BIMANUAL COORDINATION AND THE CONCOMITANT ATTENTIONAL COST AFTER A SPECIFIC BILATERAL FATIGUE PROTOCOL
Murian, A., Deschamps, T. [France]

PPI-06-4 [YIA]
PATTERNS OF PROTOTYPES IN SPORTING BEHAVIOR
Keresztes, N., Piko, B. [Hungary]

PPI-06-5 [YIA]
ATTRIBUTIONS ACROSS TIME: CONTROLLABILITY AND GENERALISABILITY ATTRIBUTIONS ON EFFICACY EXPECTATIONS IN SPORT
Coffee, P., Rees, T. [United Kingdom]

PP1-06-6 [YIA]
RISK-TAKING, PERSONALITY AND MOOD - ARE QUESTIONNAIRES IN TOUCH WITH REALITY?
Jüngling, S., Kleinert, J. [Germany]

PP1-06-7 [YIA]
TYPES OF PHYSICAL ACTIVITY AND PHYSICAL SELF CONCEPT IN OLDER ADULTS
Ouaghiani, M., Bertsch, J. [France]

PP1-06-8
GOAL ORIENTATION AND MAINTAINING PARTICIPATION WITHIN COMPETITIVE YOUTH SPORT
Kontinen, N., Laakso, L., Toskala, A. [Finland]

PP1-06-9
INTERPERSONAL RELATIONSHIPS BETWEEN ATHLETES, PARENTS AND COACHES: RESEARCH IN GYMNASTICS
Verdet, MC, Wylleman, P. [Belgium]

PP1-06-10
MASS CAMPAIGN „GERMANY IS MOVING!“ 2005 - ACHIEVEMENTS AND STUMBLING BLOCKS DURING THE FIRST YEAR
Neß W., Brehm W., Wagner P., Sygusch R., Bös K., Tiffibach S. [Germany]

PP1-06-11
A LONGITUDINAL STUDY OF SPORT IDENTITY AS A MEDIATOR OF CHILDREN'S PARTICIPATION IN SPORT
Lau, P.W., Fox, K.R., Cheung, M. W. [Hong Kong]

PP1-06-12
THE EVOLUTION OF THE AFFECTIVE DEMAND IN THE COACH-ATHLETE RELATIONSHIP
Huguet, S. [United Kingdom]

PP1-06-13
QUALITATIVE STUDY OF PRE-COMPETITION EMOTIONS OF ELITE SWIMMERS
Delagrangue, V., Lévêque, M. [France]

PP1-06-14
THE RELATION OF BALANCE PERFORMANCE AND BALANCE CONFIDENCE WITH PHYSICAL ACTIVITY IN ELDERLY FALLERS AND NON-FALLERS
Zisi, V., Theodorakis, Y., Skondras G., Natsis, P. [Greece]

PP1-06-15
ARE SPORT INJURIES RELATED TO AFFECTIVE PRIMING?
Fries, U., Hoffmann, A., Würth, S., Alfermann, A. [Germany]

PP1-06-16
CAN SIGNIFICANT OTHER'S BEHAVIOUR INFLUENCE OUR WAY OF THINKING? THE EFFECTS OF POSITIVE AND NEGATIVE BEHAVIOUR ON AUTOMATIC THOUGHTS DURING A TENNIS STROKE
Zourbanos, N., Theodorakis, Y., Hatzigeorgiadis, A. [Greece]

PP1-06-17
EVIDENCE ON THE VALIDITY OF THE AUTOMATIC SELF-TALK QUESTIONNAIRE FOR SPORTS (ASTQS): A PRELIMINARY ANALYSIS ON NEGATIVE SELF-TALK
Zourbanos N., Hatzigeorgiadis A., Theodorakis Y., Chroni S. [Greece]

PP1-06-18
A COMPARISON OF THE ATTITUDES OF PROFESSIONAL AND NON- PROFESSIONAL SPORT LEAGUE COACHES AND ATHLETES TOWARD THE ROLE OF SPORT PSYCHOLOGY CONSULTANT AND ITS RELATIONSHIPS WITH SPORT SUCCESSFULNESS
Sepasi, H. [Iran]

PP1-06-19
A NEW CONCEPT „THE HEART SINK ATHLETE“
Rogers, R., Worth, N., Mahoney, C. [United Kingdom]

PP1-06-20
MENTAL SUPPORT OF THE TRANSITION PERIOD-SPORTPSYCHOLOGICAL PREPARATION OF HUNGARIAN HANDBALL JUNIOR TEAM
Lénárt, Á., Gyömbér, N. [Hungary]

PP1-06-21
ANALYZING EXPERT BASEBALL COACHES' STRATEGY FOR SUBJECTIVE KNOWLEDGE
Nagayama, T., Kitamura, K., Saito, S. [Japan]

PP1-06-22
A QUALITATIVE ANALYSIS OF THE ATHLETE-COACH RELATIONSHIP OF PROFESSIONAL SOCCER TEAM IN BRAZIL
Kitamura, K., Nagayama, T., Saito, S. [Japan]

PP1-06-23 [YIA]
PERCEIVING PATTERNS IN DYNAMIC ACTION SEQUENCES: IDENTIFYING THE CRITICAL INFORMATION UNDERLYING ANTICIPATION SKILL IN SOCCER
North, J.S., Williams, A.M., Hodges, N.J., Ward, P., Ericsson, K.A. [United Kingdom]

PP1-07 Physical Education and Pedagogics 1-2

CHAIRS:
ALFERMANN, A. [GERMANY]
CONZELMANN, C. [SWITZERLAND]

PP1-07-1 [YIA]
A QUALITATIVE ANALYSIS OF VALUE ORIENTATIONS OF UNIVERSITY INSTRUCTORS: A CASE STUDY
Sarac, L. [Turkey]

PP1-07-2 [YIA]
REASON FOR NON-ATTENDANCE TO PHYSICAL EDUCATION CLASSES IN PRIVATE ELEMENTARY SCHOOLS
Yildirim, A., Cicek, S. [Turkey]

PP1-07-3 [YIA]
WHY DO ATHLETES PERCEIVE LOWER LEVELS OF CHRONIC STRESS? THE RELATIONSHIP BETWEEN RESOURCES AND THE PERCEPTION OF CHRONIC STRESS AMONG CHILDREN IN COMPETITIVE SPORTS
Hoffmann, K. [Germany]

PP1-07-4
THE EFFECT OF COOPERATIVE SCHOOL GAMES ON PUBESCENT GIRLS' DECISION AND STUDY ASPECT OF SOCIO-METRIC STATUS
Katalin, K. [Hungary]

PP1-07-5
TEACHING SOCCER IN PHYSICAL EDUCATION – LONG-TERM EFFECTS OF USING A FUTSAL BALL INSTEAD OF A NORMAL OR AN INDOOR (FELT) FOOTBALL
Heim, C., Frick, U. [Germany]

PP1-07-6
WAYS OF MARKETING WATER SPORT IN A.R.E
Mekky, A. [Egypt]

PP1-07-7
RESULTS OF OLYMPIC EDUCATION IN POLISH SCHOOLS
Nowocien, J. [Poland]

PP1-07-8
CHILDREN'S OPPORTUNITIES TO BE PHYSICALLY ACTIVE IN PRESCHOOL
Cools, W., De Martelaer, K., Adries, C., Samaey, C. [Belgium]

PP1-07-9
A COMPLEMENTARY PROGRAM FOR SIX TO EIGHT-YEAR CHILDREN WITH WEAK KINETIC PERFORMANCE
Hammoudy, A.S. [Egypt]

PP1-07-10
SCREENING OF GROSS MOTOR SKILLS AMONG SWEDISH CHILDREN AND ADOLESCENTS
Tidén, A., Nyberg, M. [Sweden]

PP1-07-11
CHALLENGES AND OBSTACLES IN MOTOR LEARNING: CONTEXTUAL FACTORS IN GYMNASTICS AND CALISTHENICS
Fügedi, B., Bognár, J., Honfi, L., Salvara, I. M. [Hungary]

PP1-07-12
COMPARISON ANALYSIS OF DIFFERENT SPORT GROUPS CONCERNING TO BALANCE
Huszár, A., Leibinger, E., Muranyi, N., Hamar, P. [Hungary]

PP1-07-13
INFLUENCE OF SOME MOTORIC ABILITIES ON SUCCESS STUDENTS DANCING STRUCTURES
Nozinovic, A., Ibrahimbegovic-Gafic, F., Nozinovic, Z. [Bosnia and Herzegovina]

PP1-07-14
COMPARING THE CURRENT SITUATION OF PHYSICAL ACTIVITY FOR ELDERLY PERSONS IN EUROPEAN COUNTRIES
Djobova, S., Van Coppenolle, H., Huijsmans, K., Niemi, A. [Belgium]

PP1-07-15
TEACHING SOCCER IN PHYSICAL EDUCATION – IMMEDIATE EFFECTS OF USING A FUTSAL BALL INSTEAD OF A NORMAL OR AN INDOOR (FELT) FOOTBALL
Heim, C., Frick, U. [Germany]

PP1-07-16
PARENT, TEACHER AND PEER AUTONOMY SUPPORT AND LEISURE-TIME PHYSICAL ACTIVITY: A CROSS-GENDER EVALUATION OF THE TRANS-CONTEXTUAL MODEL
Pihu, M., Hein, V., Koka, A. [Estonia]

PP1-07-17
THE RELATIONS OF THE ARTISTIC GYMNASTICS SITUATION - MOTOR EFFICIENCY AND SUCCESS ON THE FINAL EXAMINATION ON THE ARTISTIC

GYMNASTICS OF THE PHYSICAL EDUCATION FEMALE STUDENTS
Kocic, J., Aleksic, D. [Serbia and Montenegro]

PP1-07-18
THE RELATIONS OF THE RHYTHMIC GYMNASTICS SITUATION - MOTOR EFFICIENCY AND SUCCESS ON THE FINAL EXAMINATION ON THE RHYTHMIC GYMNASTICS OF THE PHYSICAL EDUCATION FEMALE STUDENTS
Kocic, J., Aleksic, D. [Serbia and Montenegro]

PP1-07-19
THE EFFECT OF SELF-DEFENCE TRAINING ON MORPHOLOGICAL AND MOTOR DIMENSIONS
Zorec B. [Slovenia]

PP1-07-20
EFFECT OF EDUCATION METHODS USED BY PHYSICAL EDUCATION TEACHERS FOR STUDENT AFFECTIVITY IN HUNGARY
Murányi, E., Huszár, Á., Leibinger, É., Hamar, P. [Hungary]

PP1-07-21
WHAT DO CHILDREN INVOLVED IN SPORT THINK ABOUT MORAL DILEMMATIC SITUATIONS?
Graça, A., Fraile Aranda, A. [Portugal]

PP1-08 Nutrition 1/1

CHAIR:
VAN LOON, V. [NETHERLANDS]

PP1-08-1 [YIA]
LONG TERM MULTIDISCIPLINARY THERAPY DECREASE PREVALENCE OF METABOLIC SYNDROME IN BRAZILIAN OBESE ADOLESCENTS
Caranti, D.A., Cristofalo, D.J., Siqueira, K.O., Prado, W.L., Stella, S.G., Piano, A., Tock, L., Tufik, S., Mello, M.T., Dâmaso, A.R. [Brazil]

PP1-08-2
PREVALENCE OF OBESITY IN TURKISH ADULTS
Turnagol, H.H., Basoglu, S., Fitzgerald, N. [Turkey]

PP1-08-3
NUTRITIONAL INTAKE IN JUDOKAS 3 DAYS BEFORE AND DURING THE COMPETITION DAY
Ramon, K., Verbeke, K., Zinzen, E., Deriemaeker, P., Vanmalderen, K., Clarys, P. [Belgium]

Poster Sessions

PPI-08-4
THE EFFECT OF RED BULL ADMINISTRATION ON 2000M ROWING ERGOMETER PERFORMANCE IN ELITE OARSMEN
Donovan, T., Nichol, C., Maclaren, D.P. [United Kingdom]

PPI-08-5
THE EFFECTS OF PROBIOTIC YOGURT ON GASTRO-INTESTINAL PROBLEMS DURING ONE WEEK OF ALTITUDE ADVENTURE ACTIVITY IN YOUNG ADULTS
Dinc, S., C., Basoglu, S., Turnagöl, H., Karaman, M., Yenipinar, G. [Turkey]

PPI-08-6
THE EFFECT OF SHORT-TERM HIGH CARBOHYDRATE DIET WITH HIGH AND LOW GLYCAEMIC INDEX ON ENERGY SUBSTRATE UTILISATION DURING RUNNING EXERCISE
Malkova, D., Aberham, T., Taylor, P., MacAlphine, K., Kessar, D., Hillier, F., Higgins, S. [United Kingdom]

PPI-08-7
EFFECT OF CREATINE SUPPLEMENTATION ON THE CONCENTRATION OF BLOOD LACTATE IN PROTOCOL OF WEIGHT EXERCISES UP TO EXHAUSTION IN TRAINED WOMEN
Trindade, M., Dodero, S.R., Cyrino, E.S., Tirapegui, J. [Brazil]

PPI-08-8
MUSCLE DAMAGE IN RATS SUBMITTED TO MODERATE PHYSICAL TRAINING AND DIETARY DEFICIENCY IN MAGNESIUM
Amorim, A., Pires, I., Tirapegui, J. [Brazil]

PPI-08-9
RAPID WEIGHT LOSS IN GERMAN TAEKWONDO ATHLETES IN PREPARATION FOR COMPETITIONS - A REPRESENTATIVE SURVEY
Furian, T., Bluemel, M., Euen, K., Striegel, H., Brueckner, H., Niess, A. [Germany]

PPI-08-10
LARGE EFFECT OF CARBOHYDRATE ELECTROLYTE DRINKS CONTAINING GLUCOSE AND FRUCTOSE ON ENDURANCE PERFORMANCE
Hulston, C., Stevens, C., Hetherington, R., Jeukendrup, A. [United Kingdom]

PPI-08-11
IMPACT OF A SINGLE EXERCISE SESSION ON PREPRANDIAL AND POSTPRANDIAL RESPONSES OF PLASMA GHRELIN
Malkova, D., McLaughlin, R., Manthou, E., Nimmo M. [United Kingdom]

PPI-08-12
POST-EXERCISE REHYDRATION WITH APFELSCHORLE, A SPORTS DRINK AND MINERAL WATER
Shirreffs, S.M., Keil, M., Phillips, S., Love, T. [United Kingdom]

PPI-08-13
HYPOHYDRATION IN YOUNG FEMALE GYMNASTS
McNeal, J., Sands, W., Colvin, K., Jemni, M., Walker, J. [United States]

PPI-09 Motor Learning 1/1

CHAIR:
BEEK, B. [NETHERLANDS]

PPI-09-1 [YIA]
DESCRIPTION OF MOTOR LEARNING PROCESS OF ELDERLY SUBJECTS IN ECCENTRIC ERGOMETER TRAINING
Purtsi, J., Vihko, V., Havas, E. [Finland]

PPI-09-2 [YIA]
EFFECTS OF HIGH-INTENSITY RUNNING ON SENSORIMOTOR ADAPTATION UNDER CONSIDERATION OF THE EEG SPECTRAL POWER
Mierau, A., Schneider, S., Abel, T., Strüder, H.K. [Germany]

PPI-09-3 [YIA]
STUDY OF ATTENTIONAL FLUCTUATIONS DURING A BALL FLIGHT, IN NEUTRAL OR OFFENSIVE CONDITIONS IN TENNIS PLAY
Journeault, N., Chabaud, P. [France]

PPI-09-4 [YIA]
„BRAINS IN SPACE I” - EFFECTS OF STRESS ONTO SENSORIMOTOR ADAPTATION
Brümmer, V., Schneider, S., Mierau, A. [Germany]

PPI-09-5 [YIA]
CAN PROCEDURAL AND DECLARATIVE MEMORY BE INFLUENCED BY BLOCKED PRACTICE ORGANIZATION IN ADOLESCENTS?
Berchicci, M., Robazza, C., Bertollo, M. [Italy]

PPI-09-6 [YIA]
ELECTROMYOGRAPHICAL CHANGES OF REPETITIVE BALLISTIC CONTRACTION TASK IN SHORT TERM
Yamanaka, K., Sasada, S., Yoneda, T. [Japan]

PPI-09-7
HEART RATE VARIABILITY AND BREATHING RHYTHM DURING LIANGONG OF CHINESE HEALTHY GYMNASTS
Nagata, A., Yokoyama, Y., Tajima, T. [Japan]

PPI-09-8 [YIA]
EFFECT OF CADENCE ON LEG MUSCLE RECRUITMENT DURING CYCLING IN NOVICE AND HIGHLY TRAINED CYCLISTS
Chapman, A.R., Vicenzino, B., Blanch, P., Hodges, P.W. [Australia]

PPI-09-9
MEASUREMENT OF CAPACITIES OF DECISION IN THE BASKETBALL
Refoyo, I., Sampedro, J., Calderon, J., Lorenzo, A., Calleja, J. [Spain]

PPI-09-10
VISUAL SEARCH PATTERNS AFTER VISUAL TRAINING PROGRAMMES IN NOVICE TENNIS PLAYERS
Moreno, F., Luis, V., Menayo, R., Reina, R. [Spain]

PPI-09-11
SHORT TERM TRAINING EFFECTS OF VOLUNTARY RAPID CONTRACTION
Sasada, S., Yamanaka, K., Yoneda, T. [Japan]

PPI-10 General I (Physioth./ Rehab./Traumat.) 1-2

CHAIR:
SEIL, S. [LUXEMBOURG]

PPI-10-1 [YIA]
PROGRESSIVE RESISTANCE TRAINING FOR RESTITUTION OF MUSCLE MASS AND STRENGTH IN HUMAN CANCER CACHEXIA
Renk, H., Krakowski-Roosen, H., Weber, M.A., Kinscherf, R., Künkele, A., Schmitt, T.L., Kauczor, H.U., Hildebrandt, W. [Germany]

PPI-10-2 [YIA]
RESISTANCE TRAINING IMPROVES NATURAL KILLER CELL ACTIVITY IN CACHECTIC CANCER PATIENTS
Künkele, A., Renk, H., Schmitt, T.L., Hildebrandt, W., Krakowski-Roosen, H. [Germany]

PPI-10-3 [YIA]
THRESHOLDS OF PHYSICAL ACTIVITIES FOR NEEDED TO LIVING A SELF SUPPORTED LIFE FOR ELDERLY WOMEN
Hayato, N., Takahiro, Y., Tatsuya, M., Taketaka, H., Katsuo, N., Lixin, W., Takashi, S., Shigeo, F. [Japan]

PPI-10-4 [YIA]
SPECIAL CHARACTERIZATION OF LINEAR CHANGE OF PLACE
Koltai, E., Szilagyi, T. [Hungary]

PPI-10-5 [YIA]
EXERCISE ACTIVITY DURING HAEMODIALYSIS - THE TOOL FOR BETTER QUALITY OF THE LIFE IN PATIENTS WITH CHRONIC RENAL FAILURE
Mahrova, A., Bunc, V. [Czech Republic]

PPI-10-6
A COMPARISON OF RANGE OF MOTION GAINS BETWEEN PNF PROTOCOLS
Wheeler, N., Fiolkowski, P., Paine, T., Sheard, P. [United Kingdom]

PPI-10-7
PHYSICAL FUNCTION IMPROVED IN ELDERLY WOMEN ADMITTED TO A REHABILITATION PROGRAMME
Juhl, C. [Denmark]

PPI-10-8
HUMERAL AND HUMEROSCAPULAR ROTATIONAL MOTION CHANGES IN 14 TO 16 YEARS OLD VOLLEYBALLPLAYERS
Baeyens, J.-P., Cabri, J., Taeymans, J., Catrysse, E., Meeusen, R. [Belgium]

PPI-10-9
MEASURING FREE LIVING DAILY ENERGY EXPENDITURE IN CHF WITH DOUBLY LABELLED WATER AND QUESTIONNAIRE: A PILOT STUDY
Garet, M. I., Barthélémy, J.C. I., Degache, F. I., Normand, S. 2., Laville, M. 2, Roche, F. I [France]

PPI-10-10
RISK FACTORS FOR CONTACT-NONCONTACT ANKLE SPRAINS IN AMATEUR SOCCER PLAYERS
Kofotolis, N., Kellis, E. [Greece]

PPI-10-11
EFFECTS OF TWO PHYSICAL THERAPY PROGRAMS ON MUSCULAR AND FUNCTIONAL PERFORMANCE IN WOMEN WITH CHRONIC LOW BACK PAIN
Kofotolis, N., Kellis, E. [Greece]

PPI-10-12
BILATERAL STRESS FRACTURE OF THE MALLEOLUS MEDIALIS OF A TEAM HANDBALL PLAYER – AN EXTRAORDINARY CASE REPORT
Weisskopf, L., Rist, H.J., Segesser, B., Martin, U. [Switzerland]

PPI-10-13
ANALYSIS OF THE PELVIC STABILITY IN PARA-ATHLETE OF SPORT MODALITY TRACK AND FIELD, CARRIER OF PARAPLEGIA: CASE STUDY
Lopez, L., Maia, A.C., Amici, B., Volpi, L., Costa, M.C., Gomes, Z.C. [Brazil]

PPI-10-14
ATHLETE COMPLIANCE TO THERAPIST REQUESTED CONTRACTION INTENSITY
Sheard, P.W., Paine, T.J. [United Kingdom]

PPI-10-15
SCHOOLBAG WEIGHT AND SPINAL MOBILITY MEASURES IN SCHOOLBOYS: ARE THEY RELATED?
Kellis, E., Emmanouilidou, E., Kouveliati, V., Kofotolis, N. [Greece]

PPI-10-16
INFLUENCE OF STAGE OF READINESS TO ADOPT EXERCISE ON DAILY ACTIVITIES AND PHYSICAL PERFORMANCE IN PATIENTS WITH HEART FAILURE
Parish, T. 1, Kosma, M. 2, Moore, C. 3, Welsch, M. 2 [United States]

PPI-10-17
ASSESSMENT OF LOWER EXTREMITIES FUNCTION IN ELDERLY PEOPLE WITH DYSFUNCTION
Kai, Y., Murata, S. [Japan]

PPI-10-18
PHYSICAL AND COGNITIVE FACTORS ASSOCIATED WITH FALLS AMONG ELDERLY DISABLED AT HOME
Murata, S., Tsuda, A., Kumagai, S., Kai, Y. [Japan]

PPI-11 Biochemistry 1/1

CHAIR:
FRISBEE, F. [UNITED STATES]

PPI-11-1 [YIA]
ADIPOSE TISSUE TRIACYLGLYCEROL LIPASE ACTIVITY IN LEAN AND OBESE MEN DURING RESISTANCE EXERCISE
Chatzinikolaou, A., Fatouros, I., Petridou, A., Papassotiiriou, I., Mastorakos, G., Mitrakou, A., Jamourtas, A., Lazaropoulou, C., Taxildaris, K., Mougios, V. [Greece]

PPI-11-2 [YIA]
OXIDATIVE STRESS RESPONSES TO RESISTANCE EXERCISE OVERTRAINING
Margonis, K., Fatouros, I., Jamourtas, A., Kouretas, D., Mastorakos, G., Mitrakou, A., Douroudos, I., Taxildaris, K., Papassotiiriou, I. [Greece]

PPI-11-3 [YIA]
PHARMACOLOGICAL AND TOXICOLOGICAL CHARACTERISATION OF „DESIGNER STEROIDS“ AND „PROHORMONES“ MISUSED IN DOPING
Friedel, A., Geyer, H., Kamber, M., Laudenschowsky, U., Schänzer, W., Thevis, M., Vollmer, G., Zierau, O., Diel, P. [Germany]

PPI-11-4 [YIA]
EXERCISE-INDUCED OXIDATIVE STRESS IN G6PD-DEFICIENT INDIVIDUALS
Nikolaidis, M., Jamurtas, A., Paschalis, V., Kostaropoulos, I., Kladi-Skandali, A., Balamitsi, V., Koutedakis, Y., Kouretas, D. [Greece]

PPI-11-5 [YIA]
MUSCLE ENZYME RELEASE AFTER HALF-IRONMAN TRIATHLON
Bürger-Mendonça, M. [Brazil]

PPI-11-6 [YIA]
THE ASSOCIATION BETWEEN CIRCULATING LEPTIN, IL-6, TNF-α AND BODY COMPOSITION IN TRAINED AND SEDENTARY FEMALES
Zolnowska, M., Lutoslawska, G., Malara, M., Zuziak, S. [Poland]

PPI-11-7
DICLOFENAC STRATUM CORNEUM RESERVOIR FORMATION AFTER IONTOPHORETIC DELIVERY
Clarys, P., Lambrecht, R., Clijsen, R., Barel A.O. [Belgium]

PPI-11-8
ACTUAL BLOOD TESTS TO DETECT BLOOD DOPING IN ATHLETES
Robinson, N., Sottas, P.-E., Bader, S., Kamber, M., Mangin, P., Saugy, M. [Switzerland]

PPI-11-9
STATISTICAL DATA DURING BLOOD COLLECTION FOR DOPING CONTROL AT THE ATHENS 2004 OLYMPIC GAMES
Jamurtas, A., Tsiokanos, A., Tsiotsimpikou, C., Karachaliou, E., Schamasch, P., Valasiadis, D. [Greece]

PPI-11-10
CONTRACTILE ACTIVITY EXACERBATES SUPEROXIDE PRODUCTION FROM THE MUSCLE OF DYSTROPHIC MICE: IMPLICATIONS FOR THE DYSTROPHIC PHENOTYPE
Close, G.L., Baker, A.M., McArdle, A., Jackson, M.J. [United Kingdom]

PPI-12 Molecular Biology 1/1

CHAIR:
RADAK, R. [HUNGARY]

PPI-12-1 [YIA]
ASSOCIATION OF ACTN3 GENOTYPE WITH PHYSICAL PERFORMANCE AND RESPONSE TO POWER TRAINING
Druzhevskaya, A., Netreba, A., Popov, D., Lyubaeva, E., Astratenkova, I., Montgomery, H., Rogozkin, V. [Russia]

PPI-12-2 [YIA]
GDF8 IS MODULATED BY TESTOSTERONE AND ANABOLIC STEROIDS DURING MYOGENIC DIFFERENTIATION AND TRAINING INDUCED SKELETAL MUSCLE ADAPTATION
Schlupepmann, K., Laudenschowski, U., Diel, P., Friedel, A. [Germany]

PPI-12-3 [YIA]
REACTIVE OXYGEN SPECIES DETERMINE SKELETAL MYOBLAST ADAPTATION TO OXIDATIVE STRESS THROUGH NFKB ACTIVATION AND EXPRESSION OF PROTEIN INVOLVED IN CELL SURVIVAL AND DNA REPAIR
de Perini, A., Dimauro, I., Bonini, S., Parisi, P., Caporossi, D. [Italy]

PPI-12-4 [YIA]
AUTOCRINE ROLE OF VASCULAR ENDOTHELIAL GROWTH FACTOR IN PROTECTING SKELETAL MUSCLE CELLS FROM CELL DEATH INDUCED BY OXIDATIVE STRESS AND SIMULATED HYPOXIA
Mercatelli, N., Ciafrè, S.A., Farace, M.G., Caporossi, D. [Italy]

PPI-12-5
AN ATTEMPT TO MODEL THE ADAPTATION OF THE OXIDATIVE SYSTEM TO ENDURANCE TRAINING IN MEN – AN EMPIRICAL-BIOLOGICAL APPROACH
Weber, S., Gehler, S., Bloch, W., Platen, P. [Germany]

PPI-13 Sociology 1/1

CHAIR:
HARTMANN-TEWS, H. [GERMANY]

PPI-13-1 [YIA]
COMPARATIVE STUDY ABOUT OLYMPIC AND PARALIMPIC GAMES
Kälbli, K., Rigler, E., Gita, S. [Hungary]

PPI-13-2
WATER SAFETY AND BABY-SWIMMING
Magini, V., Di Fiore, V., Dapretto, L., Robert, P., Andreana, G. [Italy]

PPI-13-3
DISCOURSES OF DIFFERENCE: WOMEN'S EXPERIENCES OF FOOTBALL UNDER FA GOVERNANCE
Welford, J., Kay, T. [United Kingdom]

PPI-13-4
PLAYING THE GAME (PLAN): A SOCIOLOGICAL ANALYSIS OF SPORTS DEVELOPMENT OFFICERS
Bloyce, D., Mead, R., Morris, J. [United Kingdom]

PPI-13-5
EATING DISORDERS OF TOP-LEVEL SPORTSWOMEN OF AESTHETIC SPORTS
Zurc, J. [Slovenia]

PPI-14-3
HARMONIZATION OF NON VERBAL COMMUNICATION IN DIVING MEETS
Londono, D., Pledsted, M.C., Londoño, D., Vallejo, G. [Colombia]

PPI-14-4
THE ELECTRONIC ATHLETE'S RECORD FOR CONTINUOUS RECORDING AND MONITORING OF ATHLETIC PERFORMANCE
Bang, A., Seifriz, F., Mester, J. [Germany]

PPI-14-5
DOPING SCANDALS AND ANTI-DOPING DEVELOPMENT IN THE 20TH CENTURY
Mavrek, S. [Austria]

PPI-14-6
EVIDENCE-BASED PRACTICE IN THE SPORT AND EXERCISE SCIENCES: A META-EVALUATION OF METHODS
Weed, M. [United Kingdom]

PPI-14-7
COMPREHENSIVE STUDY ABOUT ICAS-CAS AND COURT OF SPORTS ARBITRATION OF HUNGARY
Nagyreti, J., Nemes, A. [Hungary]

PPI-14-8
SPORT AND CIVIC IDENTITY IN THE UNITED STATES
Gems, G. [United States]

PPI-14 General II (Ethics, History, Law, Communication, Economics) 1/1

CHAIR:
OHL, O. [SWITZERLAND]

PPI-14-1
OPTIMIZATION OF THE PLANTAR VIEW FOOT GEOMETRY ANALYSES USING A COMPUTERIZED SYSTEM
Sarabon, N., Grcar, M., Starc, G., Labrovic, J. [Slovenia]

PPI-14-2
HEALTH ECONOMIC EVALUATION OF CONTROLLED AND MAINTAINED PHYSICAL EXERCISE IN THE PREVENTION OF PROSPERITY DISEASES
Vandenabeele, E., Annemans, L., Lamothe, M., Clarys, P. [Belgium]

Friday, July 7th, 2006

PP2-01 Physiology 1-9

CHAIRS:

CAPOROSSI, C. [ITALY]
 NARICI, N. [UNITED KINGDOM]
 VOGT, V. [SWITZERLAND]
 HOWALD, H. [SWITZERLAND]
 LINDSTEDT, L. [UNITED STATES]
 KLISOURAS, K. [GREECE]
 NICOL, N. [FRANCE]
 SCHUBERT, S. [GERMANY]
 DI PRAMPERO, D. [ITALY]

PP2-01-1
 ACUTE PASSIVE STRETCHING ALTERS MUSCULAR STIFFNESS BUT NOT THE ELECTROMECHANICAL COUPLING IN HUMAN CALF MUSCLES
Cè, E. 1, Alfieri, P. 2, Paracchino, E. 2, Roione, G. 2, Veicsteinas, A. 1, Esposito, F. 1 [Italy]

PP2-01-2
 LONGITUDINAL STUDY 'DOPING FREE SPORT': STEROID PROFILES IN URINE
Schweizer, C., Soffas, P.E., Saugy, M., Kamber, M. [Switzerland]

PP2-01-3
 THE EFFECT OF AN 80-MINUTE INTERMITTENT RUNNING PROTOCOL ON HAMSTRINGS STRENGTH: IMPLICATIONS FOR THE INCREASED SUSCEPTIBILITY TO HAMSTRINGS INJURY
Andrews, W., Hori, N., Dawson, B., Newton, R. [Australia]

PP2-01-4
 THE RELATIONSHIP BETWEEN HEART RATE RECOVERY AND POWER OUTPUT DURING REPEATED BOUTS OF SPRINT EXERCISE IN FEMALES
Papaspyrou, A., Bogdanis, G.C., Evangelidis, P., Theos, A., Maridaki, M. [Greece]

PP2-01-5
 EFFECTS OF LUNG VOLUMES ON BREATH-HOLD DIVING DEPTH
Ferretti, G. [Switzerland]

PP2-01-6
 THE INFLUENCE OF A CARBOHYDRATE-ELECTROLYTE SOLUTION ON TREADMILL RUNNING PERFORMANCE
Gant, N., Williams, C., Backhouse, S.H. [United Kingdom]

PP2-01-7
 IMPACT OF DAILY WHOLE BODY VIBRATION TRAINING (WVT) ON MUSCLE BLOOD FLOW AND METABOLISM DURING 14 DAYS OF BED REST
Liphardt, A.-M., Adams, F., Gottschalk, S., Baecker, N., Frings, P., Heer, M., Luft, F.C., Jordan, J., Boschmann, M. [Germany]

PP2-01-8
 THE SYSTOLIC TIME IS SHORTENED MORE THAN CARDIAC CYCLE ABOVE CATECHOLAMINE THRESHOLD DURING GRADED EXERCISE
Tanaka, H., Matsuda, T., Kumahara, H., Kiyonaga, A., Shindo, M. [Japan]

PP2-01-9
 ELECTROMYOGRAPHIC ANALYSIS OF BICEPS BRACHII AND VASTUS LATERALIS MUSCLE DURING AN AEROBIC AND AN ANAEROBIC CYCLING TEST IN SPRINTERS AND LONG-DISTANCE RUNNERS
Tavares, P., Parada, J., Anjos, I., Ribeiro, G., Rosado, F., Santos, A., Fontes Ribeiro, C.A. [Portugal]

PP2-01-10
 EFFECTS OF ALTITUDE TRAINING ON VASCULOGENIC/ANGIOGENIC GROWTH FACTORS
de Marées, M., Wahl, P., Knuth, S., Buitrago, S., Suhr, F., Tandi, S., Achtzehn, S., Mester, J. [Germany]

PP2-01-11
 THE INFLUENCE OF RAMP RATE ON THE VO₂-WORK RATE RELATIONSHIP IN ROWING
Draper, S., Townsend, M., Potter, C., Samuel, K. [United Kingdom]

PP2-01-12
 ANGIOTENSIN I CONVERTING ENZYME GENE POLYMORPHISM AND PHYSICAL TRAINABILITY IN ELDERLY: AN ELECTROCARDIOLOGICAL APPROACH
Tobina, T., Mori, Y., Akagi, Y., Doi, Y., Ishii, K., Chiba, H., Shindo, M., Kiyonaga, A., Tanaka, H. [Japan]

PP2-01-13
 EFFECTS OF PROLONGED BED REST ON THE CARDIOPULMONARY RESPONSE TO POSTURAL CHANGES IN HUMANS
Tam, E. 1+2, Fagoni, N. 3, Azabji-Kenfack, M. 1, Cautero, M. 2, Lador, F. 1, Moia, C. 1, Capelli, C. 2, Ferretti, G. 1+3 [Switzerland]

PP2-01-14
 SEX DIFFERENCES IN HAMSTRING/QUADRICEPS RATIO AFTER AN ISOKINETIC ENDURANCE TRIAL
De Ste Croix, M., Deighan, M. [United Kingdom]

PP2-01-15
 WINGATE TEST: DETERMINATION OF OPTIMAL LOAD IN OLDER WOMEN
Fernández Peña, E., Ditroilo, M., Benelli, P., Centonze, D., De Lillo, F., Giacomini, F., Grassi, E., Trisolino, G., Stocchi, V. [Italy]

PP2-01-16
 AN INTEGRATIVE APPROACH IN STUDYING HUMAN CARDIOVASCULAR RESPONSE TO ACUTE NORMOBARIC HYPOXIA
Nesterov, S.V. [Finland]

PP2-01-17
 ANTHROPOMETRIC PROFILE OF ELITE SYNCHRONIZED SWIMMERS AGED 13-15Y
Bante, S., Bogdanis, G.C., Papaspyrou, A., Maridaki, M. [Greece]

PP2-01-18
 SOLEUS TENDON TAP REFLEX ADAPTATIONS TO LOWER LIMB SUSPENSION IN HUMANS
Seynnes, O.R., Pensini, M., de Boer, M., Maganaris, C.N., Narici, M.V. [United Kingdom]

PP2-01-19
 THERE IS NO AN ELECTROMYOGRAPHIC THRESHOLD DURING INCREMENTAL EXERCISE IN ELDERLY SUBJECTS
Ferri, A., Adamo, S., Longaretti, M., Lanfranconi, F., Marzorati, M., Colombini, A., Grassi, B. [Italy]

PP2-01-20
 SWIMMING TRAINING, LEFT VENTRICULAR DIMENSIONS AND FUNCTION AND MAXIMAL OXIGEN UPTAKE IN YOUNG BOYS
Madeira, R., Trabulo, M., Alves, F., Gomes Pereira, J. [Portugal]

PP2-01-21
 RELATIONSHIP BETWEEN DECAY TIME OF HEART RATE AND TIDAL VOLUME AFTER EXERCISE BY OCULOCARDIAC REFLEX
Tajima, T., Tadano, C., Yona, M., Muro, M. [Japan]

PP2-01-22
 DRINKING WATER AD LIBITUM DOES NOT PREVENT MASS LOSS. DOES IT PREVENT DEHYDRATION?
Golja, P. 1, Blatnik, J. 1, Mekjavic, I. 2 [Slovenia]

PP2-01-23
 SELECTION PROCESS OF YOUNG SOCCER PLAYERS ACCORDING TO THEIR PLAYING POSITION
Gil, S., Gil, J., Irazusta, A., Ruiz, F., Irazusta, J. [Spain]

PP2-01-24
 THE INFLUENCE OF EXERCISE EXPERIENCE ON HIPPOCAMPAL STRUCTURE AND PSYCHOLOGICAL WELL-BEING IN HEALTHY YOUNG PEOPLE
Sensui, H., Fujimoto, T., Gondo, Y., Ono, Y., Ogawa, S., Kinomura, S., Tashiro, M., Itoh, M., Takekura, H., Nagatomi, R., Nagamatsu, T. [Japan]

PP2-01-25
 METHODOLOGICAL ASPECTS OF ANAEROBIC PERFORMANCE ASSESSMENT
Santos, A.M., Lopez, R., Fontes Ribeiro, C.A. [Portugal]

PP2-01-26
 AGE-RELATED CHANGES IN THE CEREBRAL BLOOD FLOW FROM 12 TO 18 YEARS OF AGE IN FEMALES
Sadamoto, T., Sato, K., Ohmori, F., Okajima, M., Iwadate, M., Kagaya, A. [Japan]

PP2-01-27
 PULMONARY O₂ UPTAKE KINETICS AND MUSCLE DEOXYGENATION IN CHILDREN AT THE ONSET OF MODERATE INTENSITY CYCLING EXERCISE
Welford, D., Barker, A.R., Welsman, J.R., Armstrong, N. [United Kingdom]

PP2-01-28
 THE INFLUENCE OF BODY TEMPERATURE ON A 10 KILOMETER RUNNING PERFORMANCE
Che Muhamed, A.M., Hamzah, S. [Malaysia]

PP2-01-29
 THE RELATION BETWEEN HIPPOCAMPAL STRUCTURE AND PSYCHOLOGICAL WELL-BEING IN EXERCISING AND NON-EXERCISING STUDENTS
Fujimoto, T., Sensui, H., Takekura, H., Gondo, Y., Ono, Y., Ogawa, S., Kikuchi, J., Kinomura, S., Tashiro, M., Itoh, M., Nagamatsu, T., Nagatomi, R. [Japan]

PP2-01-30
 EFFECTS OF FLUID SHIFT ON EMG PARAMETERS von Walden
von Walden, F., Elman, T., Pozzo, M., Tesch, P. [Sweden]

PP2-01-31
 DIMINISHED INCREASES OF URINARY DOPAMINE LEVELS ON SWIMTRAINING - A QUESTION OF WATER IMMERSION?
Krakowski-Roosen, H., Stoia-Djeska, C., Skipka, W. [Germany]

PP2-01-32
 A COMPARISON OF CONTINUOUS AND DISCONTINUOUS PROTOCOLS FOR THE DETERMINATION OF MAXIMAL OXYGEN UPTAKE
Barber, R., Wood, D., Draper, S., James, D. [United Kingdom]

PP2-01-33
 RELATIONSHIP BETWEEN EXPIRATORY GAS RESPONSE AND LOAD INTENSITY DURING CONSTANT-LOAD EXERCISE
Kimura, M., Saito, H., Nemeth, H., Watanabe, T., Ito, S. [Japan]

PP2-01-34
 PHYSIOLOGICAL, BIOCHEMICAL AND FUNCTIONAL CHANGES INDUCED BY TOP-LEVEL OFF-ROAD COMPETITIVE MOTOCROSS HEATS
Ascensão, A., Azevedo, V., Oliveira, E., Ferreira, R., Marques, F., Magalhães, J. [Portugal]

PP2-01-35
 CHANGE OF FORCE DEVELOPMENT BY ANTAGONIST CONDITIONING CONTRACTION AT SEVERAL INTENSITY AND DURATION
Kamimura, T., Takenaka, T. [Japan]

PP2-01-36
 INTERMITTENTLY INCREASING THE WORKLOAD TO 50 %MVC DURING REPETITIVE WORK IN COLD: MORE BENEFICIAL IN INDUCING EMG GAPS THAN 30 %MVC?
Okša, J., Paasoara, S., Ollila, T. [Finland]

- PP2-01-37
CAN OLDER FEMALES BENEFIT FROM SPECIFIC RESPIRATORY MUSCLE TRAINING?
Watsford, M., Murphy, A. [Australia]
- PP2-01-38
THE EFFECT OF PROLONGED FASTING ON FUEL SELECTION DURING SUBMAXIMAL EXERCISE OF DIFFERENT INTENSITIES
Stannard, S., Thompson, M. [New Zealand]
- PP2-01-39
EFFECTS OF SWITCHING PEDAL RATE MODEL ON THE NET MECHANICAL EFFICIENCY AND VO₂ SLOW COMPONENT DURING CYCLING EXERCISE
Migita, T., Hirakoba, K. [Japan]
- PP2-01-40
THE VO₂ OVERSHOOT IN ENDURANCE-TRAINED ATHLETES: THE INFLUENCE OF MODE OF EXERCISE
Kilding, A.E., Jones, A.M. [New Zealand]
- PP2-01-41
THE EARLY SPECIALIZATION EFFECT OF DIFFERENT SPORTS, SWIMMING VS FOOTBALL, IN PRE-PUBERTAL CHILDREN
Fernandes, R., Pereira, F.D. [Portugal]
- PP2-01-42
EFFECT OF THE USE OF THE FIRE FIGHTING EQUIPMENT ON DIFFERENT FATIGUE FACTORS AND STRENGTH POST MAXIMAL EFFORT
Aguado, R., Ruesta, M., Izquierdo, M., Ibáñez, J., Gorostiaga, E. [Spain]
- PP2-01-43
THE EFFECT OF 15-DAY CYCLING TOUR ON ANABOLIC AND CATABOLIC HORMONES IN UNTRAINED WOMEN AND MEN
Wu, C.-L., Chui, Y.C., Chang, C.K., Ku, S.H., Hong, W., Chang, Y.W. [Taiwan]
- PP2-01-44
MODULATED RENAL FUNCTION DURING EXTENSIVE INTERVAL TRAINING IN SWIMMING
Stoia-Djeska, C., Skipka, W., Krakowski-Roosen, H. [Romania]
- PP2-01-45
THE BLOOD PRESSURE RESPONSE TO EXERCISE IS NOT RELATED TO MINIMUM MICROVASCULAR RESISTANCE IN 9-10 YEAR OLD CHILDREN
Middlebrooke, A., Farr, C., Armstrong, N., Mawson, D., Shore, A. [United Kingdom]
- PP2-01-46
WHICH DIFFERENCES ARE TO BE EXPECTED IN LABORATORY RUNNING TESTS BETWEEN SOCCER PLAYERS AND SPRINTERS?
Rakovac, M., Vucetic, V., Soric, M., Heimer, S. [Croatia]
- PP2-01-47
TRACK AND FIELD WORLD RECORDS AND BEST PERFORMANCES IN DECATHLON RECORD HOLDERS
Mauri, C., Serena, E., Cereda, F., Manfredini, G., Peroni-Ranchet, F., Mognoni, P. [Italy]
- PP2-01-48
RELATION BETWEEN STATURE AND CONTACT OR FLIGHT TIME IN RUNNING
Peroni Ranchet, F., Cereda, F., Serena, E., Griner, R., Casolo, F., Mognoni, P. [Italy]
- PP2-01-49
ESTIMATION OF ANAEROBIC RUNNING CAPACITY FROM A SINGLE RAMP TEST
Sentija, D., Vucetic, V., Milanovic, D. [Croatia]
- PP2-01-50
RELATIONSHIP BETWEEN REFLEX EXCITABILITY IN SOLEUS MUSCLE AND ENDURANCE PERFORMANCE IN NORMAL POPULATION
Piscione, J., Grosset, J.F., Rosant, C., Pérot, C. [France]
- PP2-01-51
HEART RATE KINETICS IN TENNIS PLAYERS DURING A 2 MIN GROUNDSTROKE RALLY
Cereda, F., Serena, E., Griner, R., Mondoni, M., Mognoni, P. [Italy]
- PP2-01-52
RELATIONSHIP AMONG AVERAGE ANAEROBIC POWER, FATIGUE INDEX AND AVERAGE SERVICE SPEED IN ADOLESCENT TENNIS PLAYERS: AN EXPLORATORY ANALYSIS
Beisiegel, M., Conte, M., Leitão, M.T., Bergamo, V.R. [Brazil]
- PP2-01-53
THE EFFECT OF EXERCISE DURATION ON CALF VOLUME DURING UPPER BODY EXERCISE
Bottoms, L., Carson, R.J., Price, M.J. [United Kingdom]
- PP2-01-54
HOW DO INSPIRATORY AND EXPIRATORY MUSCLES FATIGUE DURING HEAVY BREATHING?
Verges, S., Renggli, A.S., Notter, D.A., Spengler, C.M. [Switzerland]
- PP2-01-55
EFFECT OF (-)-HYDROXYCITRATE CO-INGESTED WITH CAFFEINE ON FAT AVAILABILITY DURING EXERCISE IN HUMANS
Kuno-Mizumura, M., Haruyama, T., Miyashita, M. [Japan]
- PP2-01-56
TIME COURSE OF IMPROVEMENT IN ENDURANCE PERFORMANCE DURING ALTITUDE ACCLIMATIZATION
Schuler, B., Thomsen, J.J., Gassmann, M., Ankele, K., Gallistl, S., Müller, W. [Austria]
- PP2-01-57
VENTILATORY PARAMETERS IN LONG DISTANCE AND SPRINT RUNNERS DURING INCREMENTAL EXERCISE
Soric, M., Vucetic, V., Rakovac, M., Sentija, D. [Croatia]
- PP2-01-58
SERUM ANGIOTENSIN CONVERTING ENZYME ACTIVITY AND PLASMA NITRIC OXIDE LEVEL DURING ACUTE EXERCISE IN FOOTBALL PLAYERS
Nakas-Icindic, E., Hadzimiratovic, A., Hadzovic-Dzuvo, A., Huskic, J., Avdagic, N. [Bosnia and Herzegovina]
- PP2-01-59
PHYSIOLOGICAL DETERMINANT OF YO-YO INTERMITTENT RECOVERY TEST IN YOUNG BASKETBALL PLAYERS
Castagna, C. 1+2, Impellizzeri, F.M. 3, Rampinini, E. 3, Marini, M. 1, D'Offavio, S. 2, Manzi, V. 2 [Italy]
- PP2-01-60
EXERCISE INDUCES BDNF INCREASE IN HUMANS
Rojas Vega, S., Strüder, H.K., Vera-Wahrmann, B., Vafa, R., Im, J.Y., Hollmann, W. [Germany]
- PP2-01-61
THE EFFECT OF OFFICIAL HANDBALL COMPETITION ON SALIVARY IMMUNOGLOBULIN A AND TOTAL PROTEIN IN ELITE FEMALE HANDBALL PLAYER
Yazdanparast Chaharmahali, B., Azarbayjani, M.A., Talebi, Z. [Iran]
- PP2-01-62
RECOMBINANT HUMAN ERYTHROPOIETIN TREATMENT (R-HUEPO) INCREASES MAXIMAL OXYGEN UPTAKE IN MILD AND MODERATE ACUTE HYPOXIA
Robach, P., Juhl Thomsen, J., Mollard, P., Calbet, J.A., Boushel, R., Lundby, C. [France]
- PP2-01-63
EFFECT OF ECCENTRIC EXERCISE ON MUSCULAR DNA DAMAGE IN RAT
Tadano, C., Yona, M., Tajima, T., Seki, H., Muro, M. [Japan]
- PP2-01-64
LEPTIN, GHRELIN, AND IGFBP-3 IN RESPONSE TO AN IRONMAN COMPETITION
Sudi, K., Öhl, K., Payerl, D., Tauschmann, K., Ankele, K., Gallistl, S., Müller, W. [Austria]
- PP2-01-65
THE RELATIONSHIP BETWEEN STATIC AND DYNAMIC LUNG VOLUMES AND BREATH HOLDING TIME IN PREPUBESCENT SWIMMERS
Evangelidis, P., Theos, A., Bogdanis, G.C., Maridaki, M. [Greece]
- PP2-01-66
PERFORMANCE AND METABOLISM IN REPEATED SHORT-SPRINT EXERCISE: EFFECT OF RECOVERY INTENSITY
Spencer, M., Dawson, B., Goodman, C., Dascombe, B., Bishop, D. [Australia]
- PP2-01-67
CALF-TOE SKIN TEMPERATURE DIFFERENCE DURING COLD EXPOSURE
Kocjan, N., Mekjavic, I.B. [Slovenia]
- PP2-01-68
LONG-TERM STRENGTH TRAINING AND SKELETAL MUSCLE DNA-TELOMERE LENGTH
Kadi, F., Ponsot, E., Welin, L., Mackey, A., Kjaer, M., Oskarsson, E., Piehl-Aulin, K. [Sweden]
- PP2-01-69
CHANGES IN FLUCTUATION PATTERN OF CARDIOVASCULAR SIGNALS DURING SYMPATHETIC ACTIVATION
Kiviniemi, A.M., Huikuri, H.V., Hautala, A.J., Tiinänen, S., Seppänen, T., Mäkkilä, T.H., Tulppo, M.P. [Finland]
- PP2-01-70
THE EFFECT OF THE NECK MUSCLE RESPONSES TO SUDDEN FALL OF THE HEAD DURING VOLUNTARY- AND TVR-CONTRACTIONS IN MASSETER MUSCLE HYPOXIA
Muro, M., Tadano, C., Kamibayashi, K., Seki, H., Shimoshikiryō, S., Oka, K., Yona, M., Naito, Y. [Japan]
- PP2-01-71
THE EFFECT OF TRAINING ON THE RESPONSE OF PLASMA VASCULAR ENDOTHELIAL GROWTH FACTOR TO EXERCISE IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE
Wood, R.E. 1, Stewart, I.B. 1, Sanderson, B. 2, Askew, C.D. 2+3, Walker, P.J. 2, Green, S. 4 [Australia]
- PP2-01-72
COMPARATIVE PHYSIOLOGICAL ANALYSIS BETWEEN INTERVAL AND INTERMITTENT PROTOCOLS IN TREADMILL
Argemi, R., Ortega Gallo, P., Liotta, G. [Argentina]
- PP2-01-73
PRE-MATCH MAXIMAL AEROBIC POWER IS SIGNIFICANTLY RELATED TO MATCH-PLAY WORK INTENSITY IN THE 2ND HALF OF PROFESSIONAL AND RECREATIONAL SOCCER MATCHES
Mann, M., Clark, N., Edwards, A.M. [New Zealand]
- PP2-01-74
HOW DO REPEATED ACUPUNCTURE-SHIATSU TREATMENTS INFLUENCE MUSCULAR STRENGTH?
Tirelli, S., Perotta, B., Trachelio, C., Casolo, F., Rodano, R., Preatoni, E. [Italy]
- PP2-01-75
CAN CENTRAL LIMITATION EXPLAIN DEPRECIATED ENDURANCE PERFORMANCE IN HYPOXIA ?
Millet, G.Y., Aubert, D., Favier, F., Benoit, H. [France]
- PP2-01-76
EFFECT OF PRIOR INCREMENTAL CYCLING ON VO₂ KINETICS DURING MODERATE AND HEAVY INTENSITY CYCLING EXERCISE
Stasiulis, A., Dubininkaitė, L. [Lithuania]
- PP2-01-77
CARDIAC EFFECTS OF PHYSICAL ACTIVITY IN ADULT SUBJECTS
Pavlik, G., Kneffel, Z., Horváth, P., Németh, H., Sidó, Z., Frenkl, R. [Hungary]

Poster Sessions

PP2-01-78
PERIPHERAL SYMPATHETIC OUTFLOW CORRELATES WITH THE RESPONSE TO ENDURANCE TRAINING
Hautala, A.J., Kiviniemi, A.M., Mäkikallio, T.H., Tiinänen, S., Seppänen, T., Huikuri, H.V., Tulppo, M.P. [Finland]

PP2-01-79
EFFECT OF REPETITIVE EXERCISE ON NITRIC OXIDE EMANATING FROM HUMAN SKIN
Itoh, H., Ohkuwa, T., Yamazaki, Y., Goto, N., Washiya, T., Takakusagi, A., Matsue, S., Shimada, K., Takahashi, H., Tsuda, T. [Japan]

PP2-01-80
EFFECTS OF A 12-WEEK EXERCISE PROGRAMME ON HEART RATE VARIABILITY IN PATIENTS WITH INTERMITTENT CLAUDICATION
Leicht, A., Crowther, R., Spinks, W., Sangla, K., Quigley, F., Gollidge, J. [Australia]

PP2-01-81
EFFECTS OF FOOT IMMERSION IN COLD WATER ON HEART RATE, BLOOD PRESSURE AND CARDIAC AUTONOMIC NERVOUS SYSTEM MODULATION
Nishimura, M., Shigeno, M., Kato, T., Onodera, S. [Japan]

PP2-01-82
AEROBIC FITNESS PROFILE OF FUTSAL PLAYERS OF DIFFERENT COMPETITIVE LEVEL: A PILOT DESCRIPTIVE-STUDY
Barbero-Álvarez, J.C., D'Ottavio, S., Castagna, C. [Spain]

PP2-01-83
PERFORMANCE ON REPEATED MAXIMAL SHORT SPRINT CYCLING: PASSIVE VS ACTIVE RECOVERY
Matsushigue, K., Hoinaski, L.F., Schneck, H.C. [Brazil]

PP2-01-84
ANTHROPOMETRIC AND FUNCTIONAL CHARACTERISTICS OF BASKETBALL PLAYERS DURING DISTINCT PHASES OF TRAINING
Djuric, I. [Serbia and Montenegro]

PP2-01-85
EFFECTS OF PREVIOUS AEROBIC EXERCISE PERFORMED AT DIFFERENT PEDAL CADENCES ON MUSCULAR STRENGTH
Greco, C.C., Ruas, V.D., Figueira, T.R., Denadai, B.S. [Brazil]

PP2-01-86
LUNG FUNCTION IN TUNISIAN CHILDREN: RELATIONSHIP WITH PUBERTAL STATUS
Trabelsi, Y., Tabka, Z., Gharbi, N., Richalet, J.P., Guenard, H., Zbidi, A., Buvry, A. [Tunisia]

PP2-02 Training and Testing 1-7

CHAIRS:

HARTMANN, H. [GERMANY]
GLEESON, G. [UNITED KINGDOM]
URHAUSEN, U. [LUXEMBOURG]
AMESBERGER, A. [AUSTRIA]
FUCHSLOCHER, F. [SWITZERLAND]
BÖNING, B. [GERMANY]

PP2-02-1
DISCRIMINATIVE BASKETBALL GAME-STATISTICS BETWEEN WINNING AND LOSING TEAMS FROM THE EUROBASKET 2005* (BELGRADE)
Sampaio, J., Lorenzo, A., Gómez, M., Ibáñez, S., Refoyo, I. [Portugal]

PP2-02-2
RESISTANCE TRAINING EFFECTS ON PARAMETERS OF AEROBIC AND ANAEROBIC CAPACITY
Marsic, T., Sentija, D., Dizdar, D. [Croatia]

PP2-02-3
MASKEL TRAINING IN AEROBIC GROUP
Wolinska, K., Cybulska, A. [Poland]

PP2-02-4
POSTURAL SWAY RESPONSE TO DIFFERENT FORMS OF RESISTANCE EXERCISE
Zemková, E., Hamar, D., Pelikánová, J., Schickhofer, P. [Slovakia]

PP2-02-5
SWIM VOLUME, RESTING HEART RATE, 50 METRE SWIM TIME, AFFECT AND FELT AROUSAL IN COMPETITIVE YOUNG SWIMMERS
Sjoedefalke, K., Parfitt, G., Richardson, M.J. [United Kingdom]

PP2-02-6
THE EFFECT OF 2-MONTH OF PROPRIOCEPTIVE STIMULATION ON STRENGTH ABILITIES IN ELDERLY WOMEN
Schickhofer, P., Hamar, D., Zemková, E., Gazovic, O., Böhmerová, I. [Slovakia]

PP2-02-7
ASSESSMENT OF ANTHROPOMETRIC, BIOMOTOR AND BIOENERGIC CHARACTERISTICS OF NATIONAL IRANIAN FEMALE TAEKWONDO ATHLETES AND ITS RELATIONSHIP WITH THEIR COMPETITIVE PERFORMANCE
Jafari, A., Moradi, M., Salehi, S. [Iran]

PP2-02-8
SERVICE AND RECEPTION TECHNIQUES AND TACTICS IN WORLD CLASS BEACH VOLLEYBALL
Koch, C., Karacsonyi, D., Staber, G., Tilp, M. [Austria]

PP2-02-9
COMPARING SOME OF THE MENTAL SKILLS BETWEEN SUCCESS AND NON-SUCCESS NATIONAL IRANIAN FEMALE TAEKWONDO ATHLETES IN INTERNATIONAL COMPETITION OF ISLAMIC COUNTRY IN 1384
Jafari, A., Moradi, M., Salehi, S. [Iran]

PP2-02-10
ELECTROMYOGRAPHIC SIGNAL RESPONSE IN LOWER-LIMB MUSCLES DURING 30S COUNTERMOVEMENT JUMP TEST
Okano, A., Fontes, E., Moreira, A., Gonçalves, E., Triana, R., Moraes, A. [Brazil]

PP2-02-11
SPECIAL STRENGTH AND ENDURANCE CHANGES OF ELITE TAEKWONDO ATHLETES DURING THE PREPARATION FOR A WORLD CHAMPIONSHIP
Ribera-Nebot, D., Garcia-Navarro, F.J. [Spain]

PP2-02-12
MANIPULATING HIGH-INTENSITY INTERVAL TRAINING: EFFECTS ON VO2MAX, THE LACTATE THRESHOLD AND 3000M RUNNING PERFORMANCE IN MODERATELY TRAINED MALES
Esfarjani, F., Laursen, P. [Iran]

PP2-02-13
ARTISTIC GYMNASTIC FLOOR EXERCISE: COMPARISON BETWEEN EXECUTION ON TRAINING AND ON COMPETITION EQUIPMENT
Minganti, C., Piacentini, M.F. [Italy]

PP2-02-14
ASSESSMENT OF LOWER LIMBS' MUSCLES EXPLOSIVE POWER: DIFFERENCES BETWEEN JUMP TEST VS PUSH TEST
Faina, M., Dell'Acqua, M., Gianfeli, A., Mirri, G.B., Besi, M., Mondoni, M., Galvani, C. [Italy]

PP2-02-15
DETERMINANTS OF REPEATED-SPRINT ABILITY (RSA) IN FEMALES MATCHED FOR SINGLE-SPRINT PERFORMANCE
Bishop, D., Edge, J. [Australia]

PP2-02-16
ARE SCALED SOCCER MATCHES SUITABLE FOR THE DEVELOPMENT OF TECHNICAL SKILLS IN YOUNG SOCCER PLAYERS?
Tessitore A. 1+2, Meeusen, R. 2, Pesce, C. 1, Lupo, C. 1, Benvenuti, C. 1, Caprinica, L. 1 [Italy]

PP2-02-17
EFFECTS OF PRIOR AEROBIC EXERCISE ON THE STRENGTH DETERMINED BY NUMBER OF REPETITIONS AND JUMP PERFORMANCE
Ruas, V.D., Greco, C.C., Figueira, T.R., Denadai, B.S. [Brazil]

PP2-02-18
EFFECT OF TRAINING PARAMETERS ON OLYMPIC CLEAN&JERK PERFORMANCE
Aşci, A., Yazici, Ç. [Turkey]

PP2-02-19
PECULIARITIES IN RECOVERY OF CARDIOVASCULAR INDICES OF HIGHLY SKILLED ATHLETES
Poderys, J., Ezerskis, M., Poderyte, K., Vainoras, A. [Lithuania]

PP2-02-20
EFFECTS OF TWO RESISTANCE TRAINING PROGRAMS ON MUSCLE STRENGTH, BODY COMPOSITION AND PHYSICAL FITNESS OF LOCAL POLICEMAN
Olmedillas, H., Delgado-Guerra, S., Guadalupe, A., Bernales, O., Fuentes, T., Calbet, J., Dorado, C., Sanchis-Moysi, J. [Spain]

PP2-02-21
HIGH-INTENSITY INTERVAL TRAINING IMPROVES SHORT-TERM PCR RESYNTHESIS AND REPEATED-SPRINT ABILITY
Edge, J., Goodman, C., Bishop, D. [New Zealand]

PP2-02-22
ENHANCING MUSCULAR STRENGTH QUALITIES IN UNTRAINED WOMEN: LINEAR VERSUS UNLOADING PERIODIZATION
Kok, L-Y., Hamer, P., Bishop, D. [Australia]

PP2-02-23
LOAD THAT MAXIMISES AVERAGE MECHANICAL POWER OUTPUT DURING THE BENCH PRESS

THROW AND COUNTERMOVEMENT JUMP IN WOMEN
Kok, L-Y., Hamer, P., Bishop, D. [Australia]

PP2-02-24
DIFFERENCES BETWEEN 100 M, 400 M AND MIDDLE DISTANCE RUNNERS IN EXPLOSIVE LEG STRENGTH AND LEG STIFFNESS TESTS
Babic, V., Vučetić, V., Senijta, D. [Croatia]

PP2-02-25
BODY COMPOSITION AND FUNCTIONAL PROFILE IN ELITE FEMALE PROFESSIONAL YOGA TEACHERS
Boniello, S., Cê, E., Merati, G., Maggioni, M.A., Bertoli, S., Veicsteinas, A. [Italy]

PP2-02-26
SKILL ACQUISITION IN BASKETBALL AFTER FATIGUING EXERCISE
Augste, C. [Germany]

PP2-02-27
GENDER DIFFERENCE ON MUSCLE AND BONE COMPOSITION IN JAPANESE RHYTHMIC GYMNASTS
Aoba, T., Matsumoto, T., Asakura, M., Tsunoda, N. [Japan]

PP2-02-28
ON-ICE PERFORMANCE CHARACTERISTICS OF MEN'S ICE HOCKEY PLAYERS OF TURKISH NATIONAL TEAM
Koz, M., Tasdemir, G., Dogramaci, E. [Turkey]

PP2-02-29
ENHANCING VERTICAL JUMP PERFORMANCE OF VOLLEYBALL ATHLETES - A COMPARATIVE STUDY BETWEEN BALLISTIC AND STATIC TYPE STRETCHING WARM-UP METHODOLOGIES
Angelo, R., Carvalho, A., Mourão, P., Moutinho, C., Carvalho, C. [Portugal]

PP2-02-30
METABOLIC CONSIDERATIONS OF STRENGTH TRAINING IN THE ELDERLY, RECREATIONAL AND ELITE SPORTS
Marzin, T., Hartmann, U., Niessen, M. [Germany]

PP2-02-31
EFFECTS OF REPEATED SPRINTS VERSUS AEROBIC INTERVAL TRAINING IN SOCCER PLAYERS
Ferrari Bravo, D., Rampinini, E., Impellizzeri, F.M. [Italy]

PP2-02-32
THE RELATIONS OF THE MORPHOLOGICAL CHARACTERISTICS AND ARTISTIC GYMNASTICS

EFFICIENCY OF THE PHYSICAL EDUCATION FEMALE STUDENTS

Popovic, R., Aleksic, D. [Serbia and Montenegro]

PP2-02-33

MONITORING OF TECHNICAL-TACTICAL TRAINING SESSIONS IN BASKETBALL

Ribera-Nebot, D., Reverter, J. [Spain]

PP2-02-34

ACCURACY AND RELIABILITY OF A COMMERCIAL VIDEO-COMPUTERIZED, SEMI-AUTOMATIC, SOCCER-MATCH ANALYSIS SYSTEM: PRELIMINARY RESULTS

Impellizzeri, F.M., Sassi, A., Rampinini, E. [Italy]

PP2-02-35

CHANGES IN THE MAXIMAL STRENGTH AND RATE OF FORCE DEVELOPMENT AFTER A SESSION OF PASSIVE STATIC STRETCHING

Fantini, C., Moreira Júnior, L., Menzel, H.-J., Chagas, M., Schmidtbleicher, D. [Brazil]

PP2-02-36

DIFFERENCES BETWEEN CROATIAN AND JAPANESE PROFESSIONAL BASKETBALL PLAYERS SHOWN THROUGH STRENGTH AND CONDITIONING INDICATORS

Milanovic, D. 1, Milanovic, M. 1, Pavlicevic, Z. 2 [Croatia]

PP2-02-37

RELATIONSHIP BETWEEN JUMPING ABILITY AND MUSCLE ARCHITECTURAL CHARACTERISTICS OF BASKETBALL PLAYERS

Manou, V. 1, Miroti, O. 2, Stavropoulos, N. 2, Kellis, S. 2 [Greece]

PP2-02-38

SUB MAXIMAL ERGOMETER TEST VALID PREDICTOR OF MAXIMAL ROWING PERFORMANCE

Nederhof, E., Broenink, M., Helmantel, A., Lemmink, K. [Netherlands]

PP2-02-39

HEAT TRANSFER VARIATIONS OF BICYCLE HELMETS—WHAT WORKS BEST?

Brühwiler, P., Buyan, M., Huber, R., Bogerd, C.P., Sznitman, J., Graf, S.F., Rösger, T. [Switzerland]

PP2-02-40

AGE- AND GENDER-SPECIFIC PHYSIOLOGICAL CHARACTERISTICS OF JUDO ATHLETES

Pocecco, E. [Austria]

PP2-02-41

FATIGUE STATES IN COMPETITIVE SWIMMERS DURING A TRAINING SEASON

Alves, F., Pessoa, P., Rama, L. [Portugal]

PP2-02-42

EFFECT OF PROPRIOCEPTIVE TRAINING ON AGILITY PERFORMANCE

Simek, S., Jukic, I., Milanovic, L. [Croatia]

PP2-02-43

QUANTIFICATION OF HIGH INTENSITY ACTIVITY FROM THE ENERGY COST OF SPEED CHANGES MEASURED DURING PROFESSIONAL SOCCER MATCHES

Sassi, A., Rampinini, E., Impellizzeri, F.M. [Italy]

PP2-02-44

EFFECTS OF 8-WEEKS STRENGTH AND POWER TRAINING ON MAXIMAL CONCENTRIC FORCE, MAXIMAL AEROBIC POWER, ALACTACID ANAEROBIC POWER AND BODY COMPOSITION IN ELITE RUGBY PLAYERS

Cê, E., Biasetti, F., Dugnani, S., Cali, S. [Italy]

PP2-02-45

MONITORING OF PERFORMANCE'S IMPROVEMENT DURING LEGS TRAINING

Corazza, I., Maietta Latessa, P., Ravaioli, C., Zampagni, M.L., Zannoli, S., Zannoli, R., Tentoni, C. [Italy]

PP2-02-46

THE EFFECTS OF PLYOMETRICS, OLYMPIC LIFTING AND RESISTANCE WEIGHT TRAINING ON JUMPING PERFORMANCE

Arabatzi, F. [Greece]

PP2-02-47

ANTHROPOMETRIC CHARACTERISTICS OF ELITE TURKISH WEIGHT LIFTERS

Akkus, H. [Turkey]

PP2-02-48

EFFECT OF PLAYING BASKETBALL IN YOUNG BASKETBALL PLAYERS

Castagna, C. 1+2, Manzi, V. 2, Marini, M. 1, Annino, G. 2, Padua, E. 2, D'Ottavio, S. 2 [Italy]

PP2-02-49

THE REACTION OF BLOOD BIOCHEMISTRY AND METABOLISM BY INHALING HYPEROXIA (97%) IN RECOVERY PHASE AFTER HIGH ANAEROBIC INTENSITY EXERCISE

Jang, J.T., Smith, R.W., Huang, L.C. [Taiwan]

PP2-02-50

ACUTE EFFECTS OF PASSIVE VS. CONTRACT-RELAX STRETCHING MODALITIES ON THE NEUROMUSCULAR PROPERTIES OF PLANTAR FLEXOR MUSCLES

Babault, N., Kouassi, B.Y., Desbrosses, K., Cometti, G. [France]

PP2-02-51

CHANGES IN ENERGY ABSORPTION CAPACITY OF RUNNING SHOES FOLLOWED BY SIX MONTHS OF WEAR

Koivu, M., Aschan, C., Mäki, S., Santtila, M., Kyröläinen, H. [Finland]

PP2-02-52

SCIENTIFIC-METHODICAL MAINTENANCE OF PREPARATION OF UKRAINIAN TEAMS IN OLYMPIC SPORTS

Mistulova, T., Driukov, V., Driukov, S. [Ukraine]

PP2-02-53

ELABORATING PLAYING TEAMS BASED ON BEHAVIORAL SAFETY OF HANDBALLERS

Ortanesu, D., Ortanesu, C. [Romania]

PP2-02-54

VARIABLES THAT EMPHASIZE THE QUALITY OF LEARNING TECHNICAL ACROBATIC ELEMENTS

Ortanesu, D., Ortanesu, C. [Romania]

PP2-02-55

DISPLACEMENT VELOCITY IN TEAM SPORT: RELIABILITY OF A NEW AGILITY TEST

Benvenuti, C. 1, De Pero, R. 1, Tessitore, A. 1+2, Capranica, L. 1 [Italy]

PP2-02-56

EFFECT OF 4 WEEKS SPORTS TRAINING ON ENDURANCE PERFORMANCE OF THE PLAYERS OF FUTSAL EVALUATED BY MEANS OF A NEW FUTSAL INTERMITTENT ENDURANCE TEST AND THE 20 METER SHUTTLE RUN TEST

Barbero-Álvarez, J.C., Granero, P., Miladi, I., Castagna, C., Granda, J., Ahmaidi, S. [Spain]

PP2-02-57

PEDALLING CADENCE DOES NOT INFLUENCE TIME TO FATIGUE OF PHYSICALLY ACTIVE MALES IN A PROGRESSIVE MAXIMAL RAMP TEST

Ansley, L., Noakes, T. [United Kingdom]

PP2-02-58

INTERLIMB COORDINATION, STRENGTH, AND POWER PERFORMANCES FOLLOWING A SOCCER MATCH

Perroni, F. 1, Tessitore, A. 1+2, Pesce, C. 3, Cortis, C. 1, Lupo, C. 1, Capranica, L. 1 [Italy]

PP2-02-59

BODY CHARACTERISTICS OF WORLD CLASS SPORTS & FITNESS AEROBIC ATHLETES

Aerenhouts, D., Clarys, P., Deriemaeker, P., Taeymans, J., Duvigneaud, N., Vandenabeele, E., Clijsen, R., Duquet, W. [Belgium]

PP2-02-60

CORRELATION BETWEEN STRENGTH, POWER AND INTER-LIMB COORDINATION IN SOCCER PLAYERS

Lupo, C. 1, Tessitore, A. 1+2, Cortis, C. 1, Perroni, F. 1, Pesce, C. 3, Capranica, L. 1 [Italy]

PP2-02-61

ARCHITECTURAL CHARACTERISTICS OF GASTROCNEMIUS MEDIALIS IN TRACK AND FIELD ATHLETES

Manou, V. 1, Tsapopoulos, S. 2., Sarasilanidis, P. 2., Kellis, S. 2 [Greece]

PP2-02-62

OVERHEAD ATHLETES AND SPORTS PERFORMANCES ON THE FIELD

Forthomme, B., Crielaard, J.M., Croisier, J.L. [Belgium]

PP2-02-63

THE EFFECT OF INTENSITY OF EXERCISE ON PLASMA CORTISOL AND DHEA IN ELITE GIRLS RUNNERS

Samavati, L., Yazdanparast Chaharmahali, B. [Iran]

PP2-02-64

COORDINATION ABILITIES OF SHOOTERS IN AGE 15 – 22 YEARS

Poliszczuk, D., Polishchuk, T. [Poland]

PP2-02-65

EMG AND PLANTAR PRESSURE APPROACH TO KINEMATIC ANALYSIS OF CARVING TURN IN SNOWBOARDING

Yamauchi, T., Takato, J., Okutsu, M., Yasuda, T., Kitamura, K. [Japan]

PP2-02-66

SPEED-STRENGTH EXERCISES IN PRACTICE OF SKILLED FENCER PREPARATION

Driukov, V., Mistulova, T., Pavlenko, Y. [Ukraine]

PP2-02-67

DIFFERENT PHYSICAL, PHYSIOLOGICAL AND BIOMECHANICAL DETERMINANTS OF SWIMMING PERFORMANCE IN YOUNG SWIMMERS

Jürimäe, T., Lätt, E., Haljaste, K., Cicchella, A., Purge, P., Leppik, A., Jürimäe, J. [Estonia]

PP2-02-68

TRAINING AND HORMONAL VARIABILITY IN SOCCER TEAM

De Vita F., Dorizzi R.M., Corradini G., Caruso B. [Italy]

PP2-03 Health and Fitness 1-5

CHAIRS:

HOPMAN-ROCK, H. [NETHERLANDS]

SCHEMA, S. [ITALY]

VAN POPPEL, V. [NETHERLANDS]

SCHUTZ, S. [SWITZERLAND]

PP2-03-1

THE INFLUENCE OF EXPERIENCE OF WEARING HIGH HEELED SHOES ON POSTURAL CONTROL

de Melo, F., Crisóstomo, R., Cabri, J. [Portugal]

PP2-03-2

PHYSICAL ACTIVITY OF THE FEMALE STUDENTS OF THE UNIVERSITY OF THE THIRD AGE (U3A) AT WROCLAW UNIVERSITY AND SELECTED PARAMETERS OF THE BODY COMPOSITION

Ignasiak, Z., Żurek, G., Dąbrowska, G., Wnuk, W. [Poland]

PP2-03-3

POSSIBILITIES OF THE EVALUATION OF THE QUALITATIVE STATUS OF MUSCLE TISSUE BY A MOLECULAR MODEL OF BODY COMPOSITION

Skorocká-Seřlová, I., Bunc, V., Mahrová, A., Hráský, P., Balás, J., Cingálek, R. [Czech Republic]

PP2-03-4

EVALUATION OF SENIOR SPORT OFFERS IN SWITZERLAND: A PILOT STUDY

Wanner, M., Martin, B., Wyss, T., Schneider, A. [Switzerland]

Poster Sessions

- PP2-03-5
RELATIONSHIP BETWEEN MEASURES OF BODY FATNESS AND AEROBIC POWER IN CHILDREN
Stavrinou, P., Theos, A., Paspaspyrou, A., Bogdanis, G.C., Maridakis, M. [Greece]
- PP2-03-6
EFFECT OF NUTRITION, PSYCHOLOGY, AND DAILY LIFESTYLE ON ATHLETIC PERFORMANCE
Michiko, M., Haruo, S. [Japan]
- PP2-03-7
IMPROVING PHYSICAL ACTIVITY AMONG PATIENTS IN TREATMENT FOR PSYCHOGENIC OBESITY AND BINGE EATING DISORDER
Carraro, A., Schiavone, P., Fiorellini, A. [Italy]
- PP2-03-8
SEDENTARY BEHAVIOUR, PHYSICAL ACTIVITY AND THE METABOLIC SYNDROME AMONG FLEMISH ADULTS
Philippaerts, R., Wijndaele, K., Duvigneaud, N., Matton, L., Thomis, M., Duquet, W., Lefevre, J. [Belgium]
- PP2-03-9
COMPARISON OF EXERCISE AND DIETARY INTERVENTION ON HEALTH MARKERS IN PHYSICALLY INACTIVE POSTMENOPAUSAL WOMEN
Kimura, Y., Ohki, K., Nakagawa, N., Sato, T. [Japan]
- PP2-03-10
ASSOCIATIONS BETWEEN REGIONAL MUSCLE MASS, MUSCLE FUNCTION, AND BONE MINERAL DENSITY IN POSTMENOPAUSAL WOMEN
Sanada, K., Miyachi, M., McGrath, K.F., Tabata, I., Usui, C., Higuchi, M. [Japan]
- PP2-03-11
EFFECT OF THE EXERCISE MODE ON THE OXYGEN UPTAKE KINETICS DURING HIGH INTENSITY EXERCISE IN CHILDREN
Machado, F., Guglielmo, L.G., Greco, C.C., Denadai, B.S. [Brazil]
- PP2-03-12
THE EFFECT OF 8 WEEKS MAXIMAL AND SUB MAXIMAL (INTERVAL AND CONTINUOUS) EXERCISE ON HEMATOLOGICAL PARAMETERS IN FOOTBALL PLAYERS ON YOUNG MALE 16-19 AGED
Jahani, G., Tarverdizadeh, B., Azarbaijani, M.A. [Iran]
- PP2-03-13
BIOCHEMICAL AND ANTHROPOMETRICS VARIABLES AND THEIR ASSOCIATION WITH THE BLOOD PRESSURE IN MEN
Brito, C.J., Lima, W.A., Glaner, M.F. [Brazil]
- PP2-03-14
EFFECT OF ADDITIONAL STRENGTH TRAINING ON BODY COMPOSITION IN OBESE ADOLESCENTS FOLLOWING A MULTIDISCIPLINARY, RESIDENTIAL TREATMENT
Calders, P., Verschelde, S., Deforche, B., De Bourdeaudhuij, I., Franckx, H., Debode, P., Bouckaert, J. [Belgium]
- PP2-03-15
R.O.M. IMPROVING EXERCISES IN PHYSICALLY INDEPENDENT ELDERLY WOMEN: STRETCHING VS DYNAMIC FLEXIBILITY
Lanza, M., Fracca, I. [Italy]
- PP2-03-16
CAN INACTIVE YOUNG PEOPLE BE REACHED THROUGH AN INTERNET PROGRAMME TO PROMOTE PHYSICAL ACTIVITY?
Padlina, O., Jimmy, G., Martin, B. [Switzerland]
- PP2-03-17
NEW OPPORTUNITIES IN TOURISM, SPORT & LEISURE
Reverter, J., Barbany, J.R. [Spain]
- PP2-03-18
BODY PUMP® INSTRUCTOR'S PEDAGOGICAL FEEDBACK – COMPARISON BETWEEN DIFFERENT EXPERIENCED LEVELS AND DIFFERENT ACADEMIC DEGREES
Simões, V., Franco, S. [Portugal]
- PP2-03-19
PARTICIPANTS' PERCEPTION AND PREFERENCE ABOUT BODY PUMP® INSTRUCTORS' PEDAGOGICAL FEEDBACK
Franco, S., Simões, V. [Portugal]
- PP2-03-20
13 YEARS FOLLOW-UP OF PHYSICAL FITNESS IN FLEMISH NURSES AS MEASURED WITH THE EUROFIT TEST BATTERY
Zinzen, E., Watthy, C., Luyten, R., Vandeveldel, P., Clarys, P. [Belgium]
- PP2-03-21
EFFECTS OF TAI JI QUAN ON DYNAMIC POSTURAL STABILITY AND ANKLE JOINT MUSCULAR STRENGTH IN OLDER WOMAN
Guanglin, X., Kumagawa, D., Tanaka, S., Tsunoda, N. [Japan]
- PP2-03-22
OBESITY INTERVENTION WITH THE M.O.B.I.L.I.S. PROGRAMME
Laqué, M., Berg, A., Berg, A., Frey, I., König, D., Lagerstroem, D., Predel, H.-G. [Germany]
- PP2-03-23
SELF REPORTS: A NEW POSSIBILITY TO REPORT ADVERSE EVENTS AMONG CONSUMERS OF ILLICIT HORMONE PHARMACEUTICALS INDICATES A SPECIFIC PATTERN OF DOPING ABUSE
Thurelius, A.M., Garevik, N., Rane, A. [Sweden]
- PP2-03-24
THE PHYSICAL AND PSYCHOLOGICAL EFFECTS OF A LONG-TERM EXERCISE PROGRAM IN ELDERLY PEOPLE
Sasaki, H., Takahashi, M. [Japan]
- PP2-03-25
INJURIES IN GERMAN PROFESSIONAL FOOTBALL - EPIDEMIOLOGY AND PREVENTION
Henke, T., Schulz, D., Platen, P. [Germany]
- PP2-03-26
THE IMPACT OF PHYSICAL TRAINING ON SICK LEAVE, CARDIO-RESPIRATORY PHYSICAL FITNESS, LEISURE PHYSICAL ACTIVITY, LIFE SATISFACTION AND MUSCULOSKELETAL COMPLAINTS OF EMPLOYEES IN NURSING HOMES
Gundersen, K.T., Bratteberg, M.P. [Norway]
- PP2-03-27
PHYSICAL PERFORMANCE, FITNESS AND GENE POLYMORPHISMS
Dondukovskaya, R., Ahmetov, I., Topanova, A., Mozhayskaya, I. [Russia]
- PP2-03-28
PREDICTING BODY FAT FROM BODY MASS INDEX IN HEALTHY INDIVIDUALS
Stavropoulos-Kalinoglou, A., Metsios, G.S., Koutedakis, Y., Nevill, A.M., Douglas, K.M., Jamurtas, A., Kitis, G.D. [United Kingdom]
- PP2-03-29
THE EFFECT OF AGING ON THE REGENERATIVE CAPACITY OF SKELETAL MUSCLE
Ponsoi, E., Lexell, J., Kadi, F. [Sweden]
- PP2-03-30
CLASSIFICATION OF PHYSICAL ACTIVITY BY HEART RATE AND ACCELEROMETER DATA, RECORDED SIMULTANEOUSLY
Mäder, U., Ruch, N., Rumo, M., Martin, B.W. [Switzerland]
- PP2-03-31
TRACKING PHYSICAL FITNESS OF PRIMARY SCHOOL CHILDREN AT VIANA DO CASTELO, PORTUGAL
Rodrigues, L., Bezerra, P., Saraiva, L. [Portugal]
- PP2-03-32
EFFECT OF PHYSICAL AND MENTAL FACTORS BY COMBINED TRAINING IN MIDDLE-AGED WOMEN WITH DIFFERENCES OF TRAIT ANXIETY
Maeda, Y., Yokoyama, N., Kuno, S. [Japan]
- PP2-03-33
EFFECTS OF SAME INTENSITY WALKING AND WEIGHT TRAINING ON THE PHYSICAL FITNESS OF KOREA MIDDLE-AGE WOMEN
Choi, D.H., Choi, H.N., So, W.Y. [Korea, South]
- PP2-03-34
STUDENT'S PERCEPTIONS OF SCHOOLBAG LOADING AND PAIN SYMPTOMS IN GREEK ELEMENTARY SCHOOL STUDENTS
Emmanouilidou, M., Arampatzi, F., Kellis, E. [Greece]
- PP2-03-35
SCHOOLBAG WEIGHT IN 385 PRIMARY AND SECONDARY EDUCATION STUDENTS EXCEEDS SAFETY LIMITS
Emmanouilidou, M., Kouvelioti, V., Kellis, E. [Greece]
- PP2-03-36
INTERNATIONAL PHYSICAL ACTIVITY QUESTIONNAIRE: SHORT OR LONG VERSION?
Delgado-Guerra, S., Serrano-Sanchez, J., Olmedillas, H., Guadalupe, A., Perez-Gomez, J., Vicente-Rodriguez, G., Bernales, O., Navarro, E., Calbet, J., Dorado, C. [Spain]
- PP2-03-37
SURVEY ON BODY COMPOSITION, PHYSIOLOGICAL AND ANTHROPOMETRICAL PROFILE OF IRANIAN ELITE INDOOR SOCCER(FUTSAL) PLAYERS
Parnow, A., Salehi, S., Ghrakhanlou, R., Rastegar, M., Agha Alinejad, H., Tofighi, A., Eneyattabar, M. [Iran]
- PP2-03-38
SAFETY MEASURES IN GOLF —THE ACTUAL SITUATION CONCERNING ACCIDENTS (INJURIES AND DAMAGES) AS REVEALED BY A QUESTIONNAIRE SURVEY OF GOLF COURSES A POSSIBLE MEASURES TO PREVENT THEM—
Yoshihara, S., Aoyama, H., Miura, M., Miura, K., Naguchi, K., Akita, K., Nishida, K., Katoh, Z., Nakashima, Y., Yamamoto, T., Ree Kyoug, O.K., Ogura, M. [Japan]
- PP2-03-39
FEMALE ATHLETE TRIAD IN DIFFERENT BRASILIAN SPORT MODALITY
Oliveira, F.P., Perini, T.A., Oliveira, G.L., Ornellas, J. [Brazil]
- PP2-03-40
THE ACCUMULATION OF PERSONAL BARRIERS REDUCES WHILE THE ACCUMULATION OF SOCIAL SUPPORT INCREASES THE LIKELIHOOD FOR A PHYSICALLY ACTIVE BEHAVIOUR
Serrano-Sanchez, J.A., Sanchis-Moysi, J., Dorado-García, C., Ara-Royo, I., Vicente-Rodríguez, G., Calbet, J.A. [Spain]
- PP2-03-41
PAST SPORTS EXPERIENCES DETERMINE EXERCISE HABITS IN JAPANESE YOUTH: EXAMINATION OF „FROM WHEN“ AND „HOW MUCH“
Suzuki, K., Nishijima, T. [Japan]
- PP2-03-42
THE RELATIONSHIP BETWEEN PHYSICAL FITNESS, PHYSICAL ACTIVITY AND JOB SATISFACTION IN MALE AND FEMALE OFFICE WORKERS
Hunter, A., Dibsall, K., Manson, N. [United Kingdom]
- PP2-03-43
STANDARDIZATION OF ANTHROPOMETRICS INDEXES AND THE AMOUNT OF PHYSICAL ACTIVITY AND STUDY THEIR RELATIONSHIP WITH CORONARY HEART RISK-FACTORS AMONG TEHRANIAN MEN AGING FROM 30 TO 55
Tofighi, A., Agha Alinejad, H., Salehi, S. [Iran]

- PP2-03-44
MOTOR COMPETENCE AND LEISURE TIME PHYSICAL ACTIVITY IN AN INTERNET BASED INTERVENTION
Lofthesnes, J.M., Motterud, G., Veka, B., Myklebust, M.B. [Norway]
- PP2-03-45
ABDOMINAL SKELETAL MUSCLE AND ADIPOSE TISSUE CROSS-SECTIONAL AREA MEASURED BY MAGNETIC RESONANCE IMAGING IN OLDER FEMALE SWIMMER
Kazuya, Y., Kiyoshi, S., Chiyoko, U., Izumi, T., Mitsuru, H. [Japan]
- PP2-03-46
ASSOCIATION BETWEEN OVERWEIGHT, OBESITY AND LEVELS OF PHYSICAL ACTIVITY IN STUDENTS FROM JOÃO PESSOA, PARAÍBA – BRAZIL
Silva, F., Silva, K., Martins, C. [Brazil]
- PP2-03-47
EFFECTS OF THE TRAINING FREQUENCY UNDER A HAYBOBARIC HYPOXIA ON CARDIOVASCULAR FUNCTIONS
Ogita, F., Nishiwaki, M., Kawakami, R., Wagatsuma, A., Tamaki, H., Tanaka, T., Saito, K. [Japan]
- PP2-04 Sports Medicine 1-3**
- CHAIRS:
KAYSER, K. [SWITZERLAND]
KRIEMLER, K. [SWITZERLAND]
MEIJBOOM, M. [SWITZERLAND]
MEYER, M. [UNITED STATES]
- PP2-04-1
THE SQUAT: ISO-INERTIAL RESISTANCE EXERCISE PROMOTES GREATER QUADRICEPS MUSCLE USE THAN THE BARBELL EXERCISE
Norrbrand, L., Tous Fajardo, J., Tesch, P. [Sweden]
- PP2-04-2
THE TREATMENT OF SHOULDER PAIN: CURRENT TRENDS IN CHIROPRACTIC MANAGEMENT
Pribicevic, M., Pollard, H. [Australia]
- PP2-04-3
A RANDOMIZED CONTROLLED CLINICAL TRIAL OF MANUAL THERAPY TREATMENT FOR SHOULDER PAIN
Pribicevic, M., Pollard, H. [Australia]
- PP2-04-4
GENDER DIFFERENCES IN SENSORY AND MOTOR THRESHOLDS DURING ELECTRICAL STIMULATION OF THE QUADRICEPS FEMORIS MUSCLE
Maffiuletti, N.A., Herrero, A., Jubeau, M., Bizzini, M., Dvorak, J. [Switzerland]
- PP2-04-5
ASSESSMENT OF CARDIORESPIRATORY FITNESS BY A CYCLE ERGOMETER TEST AND THE REFERENCE VALUES FOR A GENERAL POPULATION OF FINNISH ADOLESCENTS
Tammelin, T., Remes, J., Oksa, J., Näyhä, S., Zitting, P., Kujala, V. [Finland]
- PP2-04-6
EFFECTS OF BATHING AND POST-EXERCISE BATHING ON AUTONOMIC CARDIOVASCULAR REGULATION IN MIDDLE-AGED AND OLDER MEN
Matsui, T., Miyachi, M., Kawano, H., Nishimura, M., Amaoka, H., Senoo, N., Kosaka, T., Ono, K., Onodera, S. [Japan]
- PP2-04-7
CASE STUDY, POTENTIAL 'PIT FALLS' IMAGING HAMSTRING INJURY
Rogers, R., Allen, G., Witvrow, E. [United Kingdom]
- PP2-04-8
THE EPIDEMIOLOGY OF GOLF-RELATED INJURIES IN AUSTRALIAN AMATEUR GOLFERS: A MULTIVARIATE ANALYSIS
McHardy, A., Pollard, H., Luo, K. [Australia]
- PP2-04-9
ONE-YEAR PROSPECTIVE STUDY ON GOLF INJURIES IN AUSTRALIAN AMATEUR GOLFERS
McHardy, A., Pollard, H., Luo, K. [Australia]
- PP2-04-10
FORCE CONTROL DURING SUBMAXIMAL ISOMETRIC CONTRACTIONS OF THE KNEE EXTENSOR MUSCLES IN INDIVIDUALS WITH MENTAL RETARDATION
Periklis, V., Hadji Xenofontos, M., Tsimaras, V., Charitonidis, K., Michailidis, C., Kotzamanidis, C. [Greece]
- PP2-04-11
MORPHOLOGY OF TRICEPS BRACHIALIS MUSCLE IN ELITE TENNIS PLAYERS
Guadalupe-Grau, A., Bernales, O., Delgado-Guerra, S., Olmedillas, H., Dorado, C., Calbet, J., Sanchis-Moysi, J. [Spain]
- PP2-04-12
INCREMENTAL TREADMILL TESTS TO DETERMINE ENERGY COST OF RUNNING
Fusi, S., Salvadego, D., di Prampero, P.E. [Italy]
- PP2-04-13
FREQUENCY OF DIABETES TYPE 2 AND CVD RISK FACTORS IN OBESE CHILDREN AND ADOLESCENTS
Matzenbacher dos Santos, J., Gaya, A.R., Cardoso, M., Mansilha, H., Mota, J. [Portugal]
- PP2-04-14
GLUCOSAMINE ADMINISTRATION IN ATHLETES: EFFECTS ON RECOVERY OF ACUTE KNEE INJURY
Ostojic, S., Arsic, N., Prodanovic, S., Vukovic, J., Dikic, N. [Serbia and Montenegro]
- PP2-04-15
RELATIONSHIP BETWEEN SOME ANTHROPOMETRIC CHARACTERISTICS AND FINAL RANK STANDING IN THE GREEK HANDBALL CHAMPIONSHIP
Bayios, I., Noutsos, K. [Greece]
- PP2-04-16
ACTIVATION OF COAGULATION AFTER A DOWNHILL MARATHON RUN (TYROLEAN SPEED MARATHON)
Schobersberger, W., Greie, S., Fries, D., Mittermayr, M., Falkensammer, G., Griesmacher, A., Sumann, G. [Austria]
- PP2-04-17
REDUCTION IN ECCENTRIC HAMSTRING STRENGTH AFTER A DOWNHILL MARATHON RUN (TYROLEAN SPEED MARATHON)
Greie, S., Koller, A., Hoertnagl, H., Sumann, G., Griesmacher, A., Falkensammer, G., Schobersberger, W. [Austria]
- PP2-04-18
THE EFFECT OF EXERCISE PLUS METFORMIN ON THE NON ALCOHOLIC FATTY LIVER DISEASE
Tock, L., Prado, W.L., Caraniti, D.A., Piano, A., Cristofalo, D.M., Lederman, H., Siqueira, K.O., Stella, S.G., Tufik, S., Mello, M.T., Dâmaso, A. [Brazil]
- PP2-04-19
NO SIGNIFICANT DIFFERENCES IN 24 HOUR ECG AND BLOOD PRESSURE RECORDINGS IN OVERTRAINED ATHLETES COMPARED TO CONTROL ATHLETES
Uusitalo, A., Vanninen, E. [Finland]
- PP2-04-20
BODY COMPOSITION AND PERFORMANCE DURING THE COMPETITION: A STUDY ON ITALIAN ELITE SOCCER PLAYERS
Corradini, G., Bertoldo, F., Dalle Carbonare, L., De Vita, F., Lo Cascio, V., Giordano, G., Masiero, M., Ferrari, M. [Italy]
- PP2-04-21
EFFECTS OF TRAINING LOADS ON SERUM HORMONES IN PROFESSIONAL BASKETBALL PLAY
Słowinska-Lisowska, M., Jozkow, P., Medras, M. [Poland]
- PP2-04-22
THE INFLUENCE OF RAPID WEIGHT REDUCTION ON IMMUNE RESPONSE IN MALE JUDO ATHLETES
Shimizu, K., Aizawa, K., Kimura, F., Suzuki, N., Mesaki, N., Kono, I. [Japan]
- PP2-04-23
THE EFFECT OF FAR INFRARED IRRADIATION ON SKIN MICROCIRCULATION
Natsui, H., Nagai, S., Takemura, M., Ohshima, N., Kono, I. [Japan]
- PP2-04-24
A TWO-YEAR PROSPECTIVE STUDY OF SOCCER RELATED INJURIES IN THE CLUB ATLÉTICO BOCA JUNIORS PROFESSIONAL TEAM
Ortega Gallo, P., Garcia, L., Argemi, R., Batista, J., Liotta, G. [Argentina]
- PP2-04-25
THE COMPARISON OF SPORT INJURIES BETWEEN WOMEN AND MEN IN BASKETBALL
Talebi, Z., Azarbayjani, M.A., Yazdanpatast, B. [Iran]
- PP2-04-26
INCOMPLETE MUSCLE STRENGTH RECOVERY IN INJURED PROFESSIONAL FOOTBALL PLAYERS
Croisier, J.L., Ganteaume, S., Genty, M., Binet, J., Ferret, J.M. [Belgium]
- PP2-04-27
THE EFFECTS OF SERIAL FATIGUING TASKS AND ACUTE RECOVERY ON INDICES OF NEUROMUSCULAR AND SENSORIMOTOR PERFORMANCE OF THE KNEE FLEXORS IN FEMALES
Walters-Edwards, M., Minshull, C.M., Gleeson, N.P., Bailey, A., Nordvall, M., Rees, D. [United States]
- PP2-04-28
INCIDENCE OF EXERCISE-INDUCED HYPOXEMIA ON SUSCEPTIBILITY TO ACUTE MOUNTAIN SICKNESS IN SKI-MOUNTAINEERS
Durand, F., Bayonne, A., Ceugniet, F., Desplan, J. [France]
- PP2-04-29
ASSESSMENT IN KINETIC REHABILITATION PROGRAMME OF ANKLE INSTABILITY AFTER AHILLIAN-CALCANEAL-PLANTAR DISORDERS
Rusu, L., Vasilescu, M., Paun, E., Ortanescu, D., Ciocanescu, D., Dragomir, M., Diaconescu, D. [Romania]
- PP2-04-30
WAIST CIRCUMFERENCE AND GLUCOSE METABOLISM AMONG PEOPLE OVER 65 YEARS OLD
Martins, R., Neves, A.P., Teixeira-Verissimo, M., Teixeira, A.M. [Portugal]
- PP2-04-31
MENSTRUAL DISTURBANCES IN FEMALE RUNNERS
Calders, P., Van Wanselee, S., Goemaere, S., Zmierczak, H., Olbrecht, J. [Belgium]
- PP2-04-32
PROOF OF LYMPHATIC VESSELS IN HUMAN VASTUS LATERALIS MUSCLE FROM MALE CYCLISTS
Gehlert, S., Weber, S., Bloch, W., Platen, P. [Germany]
- PP2-04-33
COMPARISON OF METHODS TO IDENTIFY THE ANAEROBIC THRESHOLD FOR TYPE 2 DIABETICS AND NON-DIABETIC SUBJECTS
Simões, H.G., Moreira, S.R., Hyane, W.C., Do Valle, G., Sotero, R.C., Lima, R.M., Cunha, R.R., Oliveira, R.J., Puga, G.M., Moffatt, R.J., Campbell, C.S. [Brazil]
- PP2-04-34
VO2 KINETICS AND BRONCHIAL HYPER-RESPONSIVENESS IN PROFESSIONAL CYCLISTS
Medelli, J., Marefati, H., Champion, F., Lounana, J. [France]

Poster Sessions

PP2-05 Biomechanics 1-3

CHAIRS:

TIHANYI, T. [HUNGARY]

ARAMPATZIS, A. [GERMANY]

WILSON, W. [UNITED KINGDOM]

PP2-05-1

SIMULATIONS OF INDIVIDUAL SQUAT JUMPS ON COMPLIANT SURFACES
Tilp, M. [Austria]

PP2-05-2

EVALUATION OF SPRINTING PERFORMANCE THROUGH CHARACTERISTICS OF VERTICAL JUMPING
Gouvali, M., Kourias, T., Zapartidis, I., Boudolos, K. [Greece]

PP2-05-3

FASCICLE BEHAVIOR OF THE SYNERGISTIC MUSCLE GROUP, MEDIAL GASTROCNEMIUS AND SOLEUS, DURING DIFFERENT INTENSITY DROP JUMPS
Sousa, F., Ichikawa, M., Vilas-Boas, J.P., Komi, P.V. [Portugal]

PP2-05-4

MEASUREMENT OF SCAPULAR ASYMMETRY AND ASSESSMENT OF SHOULDER DYSFUNCTION USING THE LATERAL SCAPULAR SLIDE TEST
Cimbiz, A., Aksoy, C., Beydemir, F., Akyildiz, D., Yurekdeleler, N., Dayioglu, H., Cayci, K., Ozay, Y., Colak, T., Colak, E., Yenigun, O. [Turkey]

PP2-05-5

ANAEROBIC POWER PRODUCTION CHARACTERISTICS DURING BICYCLE EXERCISE AND MUSCLE SIZE IN THROWER, SPRINTER, MIDDLE AND LONG DISTANCE RUNNERS
Tanaka, S., Aoyama, T., Tsunoda, N. [Japan]

PP2-05-6

TIME COURSE OF MECHANICAL AND NEURAL CHANGES OF THE TRICEPS SURAE MUSCLE GROUP DURING 1 HOUR SSC SIMULATION
Avela, J., Pelttonen, J., Kanervo, M., Komi, P.V. [Finland]

PP2-05-7

CHANGES IN MOVEMENT COORDINATION OF THE THROWING ARM THROUGHOUT A SIMULATION OF A TEAM HANDBALL GAME
Zapartidis, I., Gouvali, M., Bayios, I., Boudolos, K. [Greece]

PP2-05-8

FLAT AND TOPSPIN SERVES IN TENNIS: NEUROMUSCULAR PARTICIPATION IN A TOP PLAYER
Coutinho, C., Correia, P., Veloso, A. [Portugal]

PP2-05-9

EFFECTS OF THROW-IN MOVEMENT OF PARTIAL JOINT ON THROWING PERFORMANCE IN SOCCER PLAYERS
Yumigeta, R., Teshima, T., Kumagawa, D., Tanaka, S., Tsunoda, N. [Japan]

PP2-05-10

DIFFERENCES IN GROUND REACTION FORCE ACCORDING TO STRIKING PATTERN
Young-Sook, L., Kyung-Ok, Y., So-Yeon, J., Ji-Hee, S. [Korea, South]

PP2-05-11

MODELING OF THE SWIMMERS JOINT MOMENT DURING THE IMPULSE OF GRAB START
Houel, N., Rey, J.L., Boissière, E., Lecat, S., Tair, R., Quièvre, J., Hellard, P. [France]

PP2-05-12

VELOCITY OF THE SKI JUMPERS DURING THE TAKE-OFF IN OLYMPIC SKI JUMPING COMPETITION (HS-106 M)
Virmavirta, M., Isolehto, J., Komi, P.V., Schwameder, H., Pigozzi, F., Massazza, G. [Finland]

PP2-05-13

BIOLOGICAL GROWTH AND DEVELOPMENT FOR SKATING PERFORMANCE, THIGH MUSCLE STRUCTURE AND FUNCTION IN MALE AND FEMALE JAPANESE SPEED SKATERS
Kumagawa, D., Tsunoda, N. [Japan]

PP2-05-14

MUSCLE FORCE GENERATION CAPACITY ON ISOMETRIC AND ISOKINETIC DURING TRUNK ROTATION MOVEMENT
Takahashi, Y., Tanaka, S., Kumagawa, D., Tsunoda, N. [Japan]

PP2-05-15

THE WINDMILL PITCH OF BALL VELOCITY AND ACCURACY IN JAPANESE FEMALE SOFTBALL PLAYERS
Kitagawa, Y., Kumagawa, D., Tanaka, S., Tsunoda, N. [Japan]

PP2-05-16

RELATIONSHIP BETWEEN ATHLETIC PERFORMANCE AND MUSCLE FUNCTION IN JAPANESE FEMALE THROWERS
Aoyama, S., Aoyama, T., Tsunoda, N. [Japan]

PP2-05-17

EFFECT OF A NEW DEVELOPED PEDAL-CRANK TRAINING SYSTEM ON MECHANICAL EFFICIENCY IN CYCLING
Böhm, H., Siebert, S., Senner, V. [Germany]

PP2-05-18

BIOMECHANICAL ANALYSIS OF THE JAVELIN THROWING AT 11TH IAAF WORLD CHAMPIONSHIPS IN ATHLETICS IN HELSINKI
Murakami, M., Tanabe, S., Ishikawa, M., Isolehto, J., Komi, P.V., Ito, A. [Japan]

PP2-05-19

INFLUENCE OF CONTRACTION INTENSITY AND JOINT ANGLE ON MEDIAN FREQUENCY OF KNEE AGONIST MUSCLES IN PREPUBERTAL BOYS AND ADULT MEN

Tsatalas, T., HadjiXenofontos, M., Katsanis, G., Giannakos, A., Michailidis, C., Lazaridis, S., Kotzamanidis, C. [Greece]

PP2-05-20

THE EFFECT OF LOAD ON ARM MUSCLE ACTIVITIES DURING MOVEMENTS IN THE DIRECTION AND AGAINST THE DIRECTION OF GRAVITY
Laczko, J., Keresztenyi, Z. [Hungary]

PP2-05-21

ELECTROMYOGRAPHIC DESCRIPTION OF LIGHT VS. HEAVY RESISTANCE EXERCISE PROTOCOL
Holm, L., Aagaard, P., Kjaer, M. [Denmark]

PP2-05-22

DESIGN AND CONSTRUCTION OF AN AMBULATORY ANKLE ERGOMETER DEVICE
Gueib, J., Grosset, J.F., Lambertz, D., Vanhoutte, C., Pérot, C. [France]

PP2-05-23

EFFECT OF STRETCHING VELOCITY ON ACTIVE AND PASSIVE FORCE ENHANCEMENT
Rácz, L., Vácz, M., Costa, A., Sáfár, S., Tihanyi, J. [Hungary]

PP2-05-24

DIFFERENCES IN KINEMATICS, KINETICS AND ELECTROMYOGRAPHIC ACTIVATION PATTERNS

BETWEEN PREPUBESCENT BOYS AND ADULT MEN DURING DROP JUMPS

Lazaridis, S., HadjiXenofontos, M., Giannakos, A., Charitonidis, C., Tsatalas, T., Gollhofer, A., Kotzamanidis, C. [Greece]

PP2-05-25

BREASTSTROKE LEG MOVEMENT PATTERNS IN DIFFERENT TECHNICAL EXERCISES
Alves, F., Louro, H., Cardoso, L., Veloso, A. [Portugal]

PP2-05-26

A 30-MINUTES TRAINING IS SUFFICIENT TO LEARN THE BASIS OF MARTIAL ARTS FALL TECHNIQUES TO REDUCE FALL SEVERITY IN SIDEWAYS FALLS
Weerddesteyn, V., Groen, B.E., Duysens, J. [Netherlands]

PP2-05-27

ANALYSIS OF FOOTBALL OFFICIALS' TECHNICAL MATCH PERFORMANCE
Mallo, J., Navarro, E. [Spain]

PP2-05-28

SHOE ORTHOTICS AND GROUND REACTION FORCES DURING SOCCER SPECIFIC 'OFF THE BALL' ACTIVITIES
Scurr, J., Cogger, L. [United Kingdom]

PP2-05-29

THE INFLUENCE OF SNOWBOARD MATERIALS AND DIFFERENT STANCE ANGLES ON THE MUSCLE ACTIVITY DURING BASIC TURNS
Zinzen, E., Hagman, F., Van Gheluwe, B., Dauwe, W., Bossu, J., Op de Beeck, P., Clarys, P. [Belgium]

PP2-05-30

VELOCITY PROFILES AND STRIDE PATTERN IN PREPARATION FOR HOP-TAKE-OFF IN ELITE TRIPLE JUMPERS
Niessen, M., Jürgens, A., Hartmann, U. [Germany]

PP2-06 Psychology 1-3

CHAIRS:

KLEINERT, K. [GERMANY]

PERRIG, P. [SWITZERLAND]

DUDA, D. [UNITED KINGDOM]

PP2-06-1

A TEST OF ELLIOT'S MULTIPLE GOAL MODEL AMONG ATHLETES PARTICIPATING IN THE XVTH MEDITERRANEAN GAMES 2005
Duda, J., Castilla, I., Balaguer, I. [United Kingdom]

PP2-06-2

FACTORS UNDERLYING PARTICIPATION MOTIVATION OF YOUTH HOCKEY PLAYERS WITHIN A CLUB SETTING. A COMPARATIVE STUDY
Campbell, R., Lloyd, S. [United Kingdom]

PP2-06-3

SIMPLE AND ELECTIVE REACTION TIME AND INTENSITY OF THE EFFORT IN BASKETBALL
Sillero Quintana, M., Carracedo, G. [Spain]

PP2-06-4

NEUROPSYCHOLOGICAL FUNCTIONING OF INDIAN AMATEUR BOXERS
Sahni, S.P., Bhambri, E. [India]

PP2-06-5

PREVALENCE OF EATING DISORDER IN INDIAN FEMALE WEIGHTLIFTERS: A PSYCHOLOGICAL PERSPECTIVE
Sahni, S.P., Bhambri, E. [India]

PP2-06-6

APPLYING THE 'FIVE ASPECTS OF YOUR LIFE' MODEL IN A SPORTING CONTEXT: THE USE OF A COGNITIVE BEHAVIOURAL THERAPY ASSESSMENT TOOL IN ATHLETICS, CLAY TARGET SHOOTING AND KARATE
Cecil, S. [United Kingdom]

PP2-06-7

DELIVERING PSYCHOLOGY SERVICES TO ELITE SPORTS IN GERMANY - EFFORTS AND TRENDS
Neumann, G. [Germany]

PP2-06-8

EFFECTS OF MENTAL AND PHYSICAL FATIGUE ON A COGNITIVE TASK WITH UNPREDICTABLY CHANGING DEMANDS
Tamm, M., Kreegipuu, K., Jürimäe, T. [Estonia]

- PP2-06-9
ACUTE MOOD AND ANXIETY EFFECTS OF QIGONG EXERCISE
Johansson, M., Hassmén, P., Jouper, J. [Sweden]
- PP2-06-10
HOW DO YOUTH FOOTBALL PLAYERS CONSTRUCT THEIR ENVIRONMENT TO ACQUIRE EXCEPTIONAL PERFORMANCE?
Saito, S., Kitamura, K., Nagayama, T. [Japan]
- PP2-06-11
THE INFLUENCE OF COACH'S BEHAVIOUR ON THE PERCEPTION OF THE MOTIVATIONAL CLIMATE IN A TEAM SPORT
Viviani, F., Robazza, C., Bui, C., Bortoli, L. [Italy]
- PP2-06-12
THE EFFECTS OF PERCEIVED AND RECEIVED SUPPORT ON PERFORMANCE
Rees, T., Freeman, P. [United Kingdom]
- PP2-06-13
IDENTIFICATION OF ATTENTIONAL FEATURES IN TOP-LEVEL FENCERS
Taddei, F., Di Russo, F., Zoccolotti, P. [Italy]
- PP2-06-14
THE COMPARATIVE RESEARCH OF THE RESULTS OF THE KINETIC SURVEY AMONG CHILDREN BETWEEN THE AGE OF 5 AND THE AGE OF 6
Katalin, R., Betty, B., Rita, F., Éva, M. [Hungary]
- PP2-06-15
A COMPARISON OF PARTICIPATION MOTIVATION FOR SPORT ACTIVITIES IN SCHOOL AND UNIVERSITY STUDENT ATHLETES AND ITS RELATIONSHIP WITH THEIR SPORT GOAL ORIENTATIONS
Nourbakhsh, P., Mazarei, A. [Iran]
- PP2-06-16
TASK AND EGO IN ITALIAN COMPETITIVE OLDER ADULTS: GENDER, AGE AND SPORT DIFFERENCES
Capranica, L., De Pero, R., Amici, S., Benvenuti, C. [Italy]
- PP2-06-17
BURNOUT IN ATHLETES: A COMPARISON BETWEEN TEAM AND INDIVIDUAL SPORTS
Gustafsson, H., Hassmén, P., Kenttä, G., Lundqvist, C. [Sweden]
- PP2-06-18
RELATION OF PLATELET MONOAMINE OXIDASE (MAO-B) ACTIVITY TO THE EFFECTS OF MENTAL AND PHYSICAL FATIGUE IN COGNITIVE TASKS
Kreegipuu, K., Tamm, M., Paaver, M., Jürimäe, T., Allik, J., Harro, J. [Estonia]
- PP2-06-19
PERCEIVED POSITIVE GENERAL AND PERCEIVED INFORMATIONAL TEACHER FEEDBACK IN PHYSICAL EDUCATION: STABILITY EFFECTS AND RELATIONS WITH INTRINSIC MOTIVATION OVER A TWO-YEAR PERIOD
Koka, A., Hein, V., Pihu, M. [Estonia]
- PP2-06-20
PARENT-INITIATED MOTIVATIONAL CLIMATE QUESTIONNAIRE (PIMCQ) TRANSLATED AND APPLIED TO BRAZILIAN YOUNG ATHLETES
Goulart, C., Valdês, H. [Brazil]
- PP2-06-21
CONTENT VALIDITY AND INTERNAL CONSISTENCY OF SELF-EFFICACY TOWARDS GENERIC SKILLS TEST FOR PHYSICAL EDUCATION PROGRAMME
Chan, W.K., Hui, S.C., Sum, K.S. [Hong Kong]
- PP2-06-22
A FIRST STEP IN EXPLORING REASONS OF DROPOUT FROM MAINSTREAM FITNESS CLUB MEMBERSHIP: ASSESSING NEW CLIENTS' CHARACTERISTICS
Piffaretti, M., Lenzen, B., Kayser, B. [Switzerland]
- PP2-06-23
PERCEPTUAL DIFFERENCES IN TENNIS PLAYERS AND TRIATHLETES: A BATTERY OF TESTS THAT MAKES THE DIFFERENCE
Overney, L.S., Blanke, O., Herzog, M.H. [Switzerland]
- PP2-06-24
A GERMAN VALIDATION OF THE ACHIEVEMENT GOAL QUESTIONNAIRE FOR SPORTS (AGQ-S)
Birkner, H.-A. [Qatar]
- PP2-06-25
THE IMPORTANCE OF THE MOTIVATIONAL CLIMATE FOR THE PERSEVERANCE IN RECREATIONAL INDOOR CLIMBING
Birkner, H.-A. [Qatar]
- PP2-06-26
COACHES' INTERACTION DURING TIME-OUTS IN NORWEGIAN NATIONAL HANDBALL
Johansen, B.T., Høigaard, R., Grimstad, B.B., Berglihn, S., Eidem, A., Pedersen, L.K. [Norway]
- PP2-07 Physical Education and Pedagogics 1-2**
- CHAIRS:
ALFERMANN, A. [GERMANY]
ROKITA, R. [OTHER]
- PP2-07-1
THE RELATIONS OF THE MORPHOLOGICAL CHARACTERISTICS AND RHYTHMIC GYMNASTICS EFFICIENCY OF THE PHYSICAL EDUCATION FEMALE STUDENTS
Popovic, R., Aleksic, D. [Serbia and Montenegro]
- PP2-07-2
PRESCHOOL PE TEACHING - STUDENTS SELF ANALYSIS - QUALITATIVE APPROACH
Serbetar, I., Sagud, M., Lozancic, A., Evic, K. [Croatia]
- PP2-07-3
PONDERAL AND MOTOR DIFFERENCES BETWEEN CHILDREN WHO PRACTICE SOME SPORTIVE DISCIPLINE AND SEDENTARY CHILDREN
Mondoni, M., Casolo, F., Cereda, F., Faina, M., Galvani, C. [Italy]
- PP2-07-4
THE EFFICIENCY OF EDUCATIONAL STANDARDS TESTS IN SPORT RECREATION
Konczos, C., Ihász, F. [Hungary]
- PP2-07-5
SOCCER COACH INSTRUCTION IN COMPETITION - BEFORE, DURING AND HALF TIME OF THE GAME
Crispim-Santos, A., Rodrigues, J. [Portugal]
- PP2-07-6
YOUNG SOCCER COACH INSTRUCTION BEFORE COMPETITION
Crispim-Santos, A., Pereira, D., Gouveia, J., Costa, J. [Portugal]
- PP2-07-7
A STUDY OF THE CAUSES AND SOLUTIONS OF THE CONFLICTS IN THE INTERACTIONS BETWEEN THE FOOTBALL COACHES OF JUNIOR PLAYERS AND THEIR PARENTS
Németh, Z. [Hungary]
- PP2-07-8
THE DIFFERENCE OF PSYCHOPHYSIOLOGICAL AND VEGETATIVE FUNCTIONS OF SPORTSMEN DEPENDING ON THE DOMINANCE OF BRAIN HEMISPHERES
Praulite, G., Spunde, A. [Latvia]
- PP2-07-9
SURVEYING SCHOOL-CHAMPION PLAN FROM THE PERSPECTIVE OF EXPERTS, SCHOOLS MANAGERS, AND PHYSICAL EDUCATORS OF IRAN
Khajavi, D., Kashaef, M. [Iran]
- PP2-07-10
ETNOPEDEGOGICHESKIYE CONDITIONS OF USING OF GAMES AND CONTESTS OF THE TRADITIONAL PHYSICAL TRAINING OF THE RADICALSMALL PEOPLES OF THE NORTH
Krasilnikov, V. [Russia]
- PP2-07-11
HOW BOYS AND GIRLS PERCEIVE GENDER RELATIONS IN PE CLASSES
Silva, P., Botelho-Gomes, P., Graça, A., Queirós, P. [Portugal]
- PP2-07-12
A STUDY OF THE POSSIBILITIES OF INTEGRATED PHYSICAL EDUCATION AT SCHOOLS IN HUNGARY
Prisztóka, G., Vass, M., Tóvári, F., Papp, G. [Hungary]
- PP2-07-13
ERASMUS MUNDUS MASTER IN ADAPTED PHYSICAL ACTIVITY: AN IDEAL STRUCTURE FOR INTERCONTINENTAL COOPERATION IN TEACHING AND RESEARCH
Van Coppenolle, H., Dobрева, I., Djobova, S., Van lent, M. [Belgium]
- PP2-07-14
THE EFFECTIVENESS OF SECONDARY SCHOOL PHYSICAL EDUCATION IN DEVELOPING GENERIC SKILLS OF JUNIOR STUDENT
Chan, W.K., Hui, S.C., Sum, K.S. [Hong Kong]
- PP2-07-15
PROFESSIONAL ATTITUDES OF PHYSICAL EDUCATION TEACHERS IN POLAND
Muszkiet, R. [Poland]
- PP2-07-16
PEDAGOGICAL QUALITY EVALUATION OF THE FITNESS TEACHERS
Rodrigues, J., Franco, S., Lougo, H. [Portugal]
- PP2-07-17
PHYSICAL EDUCATION SCHOOL BOOKS: HOW GENDER IS REPRESENTED IN 7TH, 8TH AND 9TH GRADE
Botelho-Gomes, P., Caetano, S. [Portugal]
- PP2-07-18
PROBLEMATIC OF EXCUSING FROM PE LESSONS IN SLOVENIA
Jurak, G., Kova, M., Strel, J., Starc, G. [Slovenia]
- PP2-07-19
FACTORS AFFECTING THE PROFESSIONAL LIVES OF PE TEACHERS IN HONG KONG
Sum, K.W., Ha, S.A., Chan, W.K., Johns, P.D. [Hong Kong]
- PP2-07-20
ATHLETES RETENTION OF COACH'S INSTRUCTION IN JUDO PRE-COMPETITIVE INSTRUCTIONS
Rosado, A., Breia, E., Mesquita, I. [Portugal]
- PP2-08 Nutrition 1/1**
- CHAIR:
JELUKENDRUP, J. [UNITED KINGDOM]
- PP2-08-1
DIETARY BEHAVIOUR AMONG COMPETITORS OF THE HUNGARIAN NATIONAL TEAM OF RHYTHMIC GYMNASTICS
Fogarasi, G., Nikl, A., Katics, L. [Hungary]
- PP2-08-2
A STUDY OF DIETARY BEHAVIOUR IN SECONDARY SCHOOL FEMALE STUDENTS MAJORING IN BALLET
Fogarasi, G., Ockenfusz, E. [Hungary]

Poster Sessions

PP2-08-3
ENERGY AND MACRONUTRIENT INTAKE IN FEMALE WINTER UNIVERSIADE ATHLETES
Lee, A.S., Meyer, N.L., Krulatz, A., Burtscher, M. [Austria]

PP2-08-4
PHYSICAL ACTIVITIES AND NUTRIENTS INTAKE OF ELDERLY HEALTHY PEOPLE
Assanelli, D. 1, Bandera, F. 1, Tolomio, S. 1, Scudellari, A. 1, Corsetti, G. 2, Bernardi, M. 1, Perdetti, E. 1, Pasini, E. 3, Salvetti, M. 1, Bianchi, R. 2 [Italy]

PP2-08-5
ORAL AMINOACIDS SUPPLEMENTATION INCREASES MITOCHONDRIA AND SARCOMERE VOLUME IN MYOCARDIUM OF OLD MOUSE
Assanelli, D. 1, Corsetti, G. 2, Pasini, E. 3, Bianchi, R. 2 [Italy]

PP2-08-6
THE CHANGES IN BRAIN AND MUSCLE METABOLISM BY THE COMBINATION OF CAFFEINE SUPPLEMENTATION AND LOW VOLUME EXERCISE TRAINING
Esaki, K., Yashiro, K., Sako, T., Yoshitake, Y., Ohkubo, M., Kuwamori, M., Yamaguchi, K., Kinugasa, T., Takemasa, T., Hamaoka, T. [Japan]

PP2-08-7
MAPPING ENERGY REQUIREMENTS FOR INDIAN WOMEN HOCKEY PLAYERS
Lal, P.R., Siddhu, A. [India]

PP2-08-8
EFFECT OF SUGARCANE JUICE ON EXERCISE PERFORMANCE OF ATHLETES
Lal, P.R. 1, Kalpana, K. 1, Khanna, G. 1, Majumdar, P. 2 [India]

PP2-08-9
CREATINE FOOD SUPPLEMENTS IN THE NUTRITION OF ENDURANCE-TRAINING SPORTSMEN
Milasius, K., Dadelienė, R., Tubelis, L. [Lithuania]

PP2-08-10
REDOX REGULATION OF VITAMIN C METABOLISM IN C2C12 SKELETAL MYOTUBES
Savini, I., Rossi, A., Duranti, G., Arnone, R., Bartoloni, L., Avigliano, L. [Italy]

PP2-08-11
THE EFFECTS OF JAPANESE DIET ON BODY FAT, METABOLISM, INSULIN RESISTANCE, AND

AUTONOMIC NERVOUS SYSTEM ACTIVITY IN YOUNG LEAN WOMEN WITH EXCESSIVE BODY FAT
Nagai, N., Sakene, N., Nishida, M., Moritani, T. [Japan]

PP2-08-12
CALCIUM INTAKE AND BONE HEALTH STATUS AMONG YOUNG FEMALE ATHLETES
Hamzah, S., Mohd Ali, M. [Malaysia]

PP2-09 Motor Learning 1/1

CHAIR:
BEEK, B. [NETHERLANDS]

PP2-09-1
THE EFFECT OF AUGMENTED FEEDBACK ON THE FOOTSTEPS LEARNING
Berchicci, M., Bertollo, M. [Italy]

PP2-09-2
MECHANICAL EFFICIENCY AND MUSCULAR CONTROL VARIATIONS IN CYCLING BY USING DIFFERENT TRAINING INFORMATION PROCEDURES
Pozzo, R., Neuman, K., Plaina, L., Schwirtz, A. [Italy]

PP2-09-3
ENHANCED VARIABILITY AND ACCURACY OF TENNIS SERVE
Moreno, F., Menayo, R., Fuentes, J.P. [Spain]

PP2-09-4
IMPLEMENTING COMPUTER SIMULATION IN GYMNASTICS TRAINING
Heinen, T. [Germany]

PP2-09-5
ERRORS IN JUDGING „OFFSIDE“ IN FOOTBALL AND THE ROLE OF EXPERTISE
Catteeuw, P., Gilis, B., Helsen, W. [Belgium]

PP2-09-6
MUSCULAR STABILITY OF THE GOLF SWING AND THE PROPORTIONAL DURATION MODEL
Fernandes, O., Barreiros, J., Cabri, J., Pezarat-Correia, P., Hoolthuis, A. [Portugal]

PP2-09-7
TIMING THE GOLF SWING IN THREE DIFFERENT CONDITIONS
Barreiros, J., Cabri, J., Diniz, A., Bruno, P.M. [Portugal]

PP2-09-8
THE EFFECTS OF VARIABILITY OF PRACTICE ON LEARNING A NOVEL MOTOR SKILL
Lyons, M., Al-Nakeeb, Y., Moreton, J., Duncan, M. [United Kingdom]

PP2-09-9
COORDINATION MEASUREMENT IN PRESCHOOLERS - TRADITIONAL VS DYNAMICAL SYSTEM MODEL
Serbetar, I., Kranjcina, Z., Kurtanjek, M. [Croatia]

PP2-09-10
EXAMINATION OF A MODEL OVER SELF-CONTROLLED MOTION-LEARNING
Bund, A., Ferwagner, D. [Germany]

PP2-09-11
ERRORS IN JUDGING „OFFSIDE“ IN FOOTBALL AND HOW TO BETTER DEAL WITH IT
Gilis, B., Helsen, W., Catteeuw, P. [Belgium]

PP2-09-12
THE RELIABILITY OF EUROFIT SHUTTLE RUN TEST ON FIVE-YEAR-OLD CHILDREN
Gundersen, K.T., Fiskum, T., Estil, L. [Norway]

PP2-10 General I (Physioth./ Rehab./Traumat.) 1-2

CHAIR:
MÉNÉTREY, M. [SWITZERLAND]

PP2-10-1
EFFECTS OF EXERCISE TRAINING ON THE ENDOTHELIUM FUNCTION IN PATIENTS WITH CHRONIC HEART FAILURE
Karatzanos, L., Chatzimichail, E., Karaseridis, A., Anagnostakou, V., Sakellariou, D., Tasoulis, A., Avdikou, M., Pappas, C., Vasiliadis, P., Roussos, C., Nanas, S. [Greece]

PP2-10-2
AN ADAPTED EXERCISE PROGRAM IMPROVES PERFORMANCE OF ELDERLY PERSONS WITH MENTAL DISABILITIES
Peters, C., Schoenfelder, F., Ohanian, J., Zalfen, B., Wacker, E., Michna, H. [Germany]

PP2-10-3
ASSESSMENT OF STATIC AND DYNAMIC BALANCE OF FEMALE VOLLEYBALL ATHLETES WITH ERROR SCORING SYSTEMS
Enangelodimou, A., Athanasopoulou, E., Tsiropoulou, A., Barzouka, K., Athanasopoulos, S. [Greece]

PP2-10-4
CHRONIC EFFECTS OF COMBINED EXERCISE TRAINING ON RESTING METABOLIC RATE IN MEN SUFFERING FROM CORONARY ARTERY DISEASE
Bento, T. 1, Santa-Clara, H. 1, Almeida, J. 1, Fernhall, B. 2 [Portugal]

PP2-10-5
THE EFFECTS OF REHABILITATION PROGRAM ON LUMBAR EXTENSION MUSCLE STRENGTH, BONE MINERAL DENSITY IN OPERATION PATIENTS OF LUMBAR DISK HERNIATION
Gi Duck, P., Sung-Bum, J. [Korea, South]

PP2-10-6
PROGRESSIVE EXERCISES IMPROVED MOTOR PERFORMANCE OF THE ARM IN CHRONIC EPICONDYLITIS
Pienimäki, T., Kauranen, K., Tarvainen, T., Siira, P., Vanharanta, H. [Finland]

PP2-10-7
COMPLEX REHABILITATION OF CHILDREN WITH THE CHILDREN'S CEREBRAL PARALYSIS BY MEANS OF HIPPOThERAPY (IMPROVING HORSE RIDING)
Ercomayshvili, I., Rogov, O. [Russia]

PP2-10-8
CONVENTIONAL INCREMENTAL EXERCISE TEST PROTOCOL UNDERESTIMATES PEAK OXYGEN UPTAKE DURING STIMULATED CYCLE ERGOMETRY IN PARAPLEGIA
Berry, H., Perret, C., Hunt, K., Grant, S., Saunders, B., Allan, D., Kakebeeke, T. [United Kingdom]

PP2-10-9
ROLE OF PHYSICAL EXERCISES IN REHABILITATION PROGRAMME OF MULTIPLE SCLEROSIS
Rusu, L., Vasilescu, M., Paun, E., Dragomir, M., Danoiu, M., Ciocanescu, D., Diaconescu, D. [Romania]

PP2-10-10
FUNCTIONAL ELECTRICAL STIMULATION FOR CYCLING OF PARAPLEGICS: INDIVIDUAL ADAPTATION OF THE CLINICAL ENVIRONMENT IN HUNGARY
Szecsí, J., Fincziczki, A., Laczko, J., Klauber, A. [Hungary]

PP2-10-11
CONTROL OF CYCLE ERGOMETER TRAINING INTENSITY BY MEANS OF BLOOD LACTATE CONCENTRATION DETERMINATION DURING CARDIAC REHABILITATION
Traninger, H., Harpf, H., Harpf, L., Harb, S., Tscheppe, G., Wonisch, M., Hofmann, P. [Austria]

PP2-10-12
THERAPEUTIC PHYSICAL TRAINING EFFICIENCY IN AN ORTHOPEDIC SANATORIUM FOR CHILDREN
Kovalenko, T.G., Shklyarenko, A.P. [Russia]

PP2-10-13
AEROBIC FITNESS IN PATIENTS WITH ATRIAL FIBRILLATION BEFORE AND AFTER AV NODE ABLATION SURGERY
Brickley, G., Mullan, P., Beale, L., Dholakia, H., Lloyd, G., Siberbauer, J. [United Kingdom]

PP2-10-14
CLINICAL-BIOLOGICAL PARAMETERS IN REUMATOID ARTHRITIS PATIENTS WITH COMPLEX REHABILITATION PROGRAM
Dragomir, M., Matei, D., Dragomir, M., Traistaru, R. [Romania]

PP2-10-15
MEDICAL REHABILITATION PROGRAM FOR PATIENTS WITH CERVICAL MUSCULOSKELETAL SYNDROME
Dragomir, M., Dragomir, M., Traistaru, R., Matei, D. [Romania]

PP2-10-16
EFFECT OF EXERCISE-INDUCED FATIGUE ON ELDERLY KNEE'S POSITION SENSE
Ribeiro, F., Oliveira, J. [Portugal]

PP2-11 Biochemistry 1/1

CHAIR:

FRISBEE, F. [UNITED STATES]

PP2-11-1

COMPARISON OF THE BLOOD REDOX STATUS BETWEEN LONG-DISTANCE AND SHORT-DISTANCE RUNNERS

Jamurtas, A.Z., Theodorou, A., Stavrakoudi, A., Kostaropoulos, I.A., Nikolaidis, M.G., Ikonomou, G.V., Makrygiannis, V., Papadopoulos, G., Kouretas, D. [Greece]

PP2-11-2

INCREASED OXIDATIVE STRESS INDICES IN THE BLOOD OF CHILDREN SWIMMERS

Kouretas, D., Gougoura, S., Nikolaidis, M.G., Kostaropoulos, I.A., Koukoulis, G., Jamurtas, A.Z. [Greece]

PP2-11-3

SALIVARY IGA RESPONSE TO SEVERAL SPORT ACTIVITIES (TREKKING, CANYONING AND ASCENSION TO THE ANETO MOUNTAIN) DURING A WEEK IN THE SPANISH PYRENEES

Teixeira, A.M., Santos, A.M., Oliveira, M., Rosado, M.F., Martins, M., Cunha, M.R. [Portugal]

PP2-11-4

PLASMA PHOSPHOLIPID FATTY ACID COMPOSITION IN SERBIAN ELITE BASKETBALL AND FOOTBALL PLAYERS

Tepsic, J., Arsic, A., Blazencic-Mladenovic, V., Mazic, S., Malicevic, S., Dikic, N., Glibetic, M. [Serbia and Montenegro]

PP2-11-5

EFFECT OF CHRONIC VOLUNTARY WHEEL RUNNING ON LIPIDS INVOLVED IN THE SIGNALING OF APOPTOSIS IN RAT SKELETAL MUSCLE

Tsalouhidou, S. 1, Petridou, A. 1, Bühlmeier, K. 2, Michna, H. 2, Mougios, V. 1 [Greece]

PP2-11-6

THE „DOPING DESIGNER STEROIDS“ NORBOLETHONE, DMT (AND THG) ARE ANDROGENS (AND A PROGESTIN)

Michna, H., Selg, P.J., Nishino, T. [Germany]

PP2-11-7

THE RESPONSES OF PROGLYCOGEN AND MACROGLYCOGEN TO EXERCISE AND RE-FEEDING: ARTEFACT OF GLYCOGEN EXTRACTION?

Fournier, P.A., Barnes, P.D., James, A.P. [Australia]

PP2-11-8

IMPACT OF IN VITRO ANOXIA-REOXYGENATION ON RESPIRATORY PARAMETERS OF HEART MITOCHONDRIA ISOLATED FROM IN VIVO DOXORUBICIN TREATED AND ENDURANCE TRAINED RATS

Ascensao, A., Ferreira, R., Oliveira, P.J., Magalhães, J. [Portugal]

PP2-11-9

CELL-FREE PLASMA DNA RESPONSES TO RESISTANCE EXERCISE OVERTRAINING: COMPARISON WITH OTHER INFLAMMATION MARKERS

Margonis, K., Fatouras, I., Destouni, A., Jamourtas, A., Kouretas, D., Mastorakos, G., Vrettou, C., Kanavakis, E., Mitrakou, A., Taxildaris, K. [Greece]

PP2-11-10

DOSE-RELATED EFFECTS OF PROLONGED NAHCO₃ INGESTION DURING ENDURANCE EXERCISE*Fatouras, I., Douroudos, I., Gourgoulis, V., Jamurtas, A., Tsitsios, T., Hatzinikolaou, A., Margonis, K., Mavromatidis, K., Taxildaris, K. [Greece]***PP2-12 Molecular Biology 1/1**

CHAIR:

RADAK, R. [HUNGARY]

PP2-12-1

ENDURANCE TRAINING IN HYPOXIA HAS A SPECIFIC GENE EXPRESSIONAL TIME-COURSE AND SIGNATURE

Schmutz, S., Däpp, C., Wittwer, M., Vogt, M., Hoppeler, H., Flück, M. [Switzerland]

PP2-12-2

DNA DAMAGE AND OXIDATIVE STRESS INDUCED BY EXHAUSTIVE EXERCISE IN THE ELDERLY: THE EFFECT OF ANTIOXIDANT SUPPLEMENTATION

Pittaluga, M., Caporossi, D., Morreale, F., de Perini, A., Fantini, C., Sgadari, A., Tavazzi, B., Parisi, P. [Italy]

PP2-12-3

NEUROTROPIC FACTORS AND REGULATION OF THE MUSCULAR SYSTEM: THE EFFECTIVE ROLE OF NERVE GROWTH FACTOR ON PROLIFERATION, SURVIVAL AND DIFFERENTIATION OF MYOGENIC CELLS

de Perini, A., Fantini, C., Pittaluga, M., Bonini, S., Parisi, P., Caporossi, D. [Italy]

PP2-12-4

MOLECULAR SIGNALLING IN HUMAN SKELETAL MUSCLE IN THE RECOVERY PERIOD AFTER ENDURANCE EXERCISE

Mascher, H., Garver, J., Andersson, H., Nilsson, P.A., Ekblom, B., Blomstrand, E. [Sweden]

PP2-12-5

PRACTICAL FEASIBILITY OF SPORTGENOMIC INVESTIGATION IN THE FUTURE

Dekany, M., Gyore, I., Nemeskeri, V., Gogl, A., Ekes, E., Pucsok, J. [Hungary]

PP2-12-6

EFFECTS OF GENE VARIANTS ON CARDIOVASCULAR SYSTEM OF ATHLETES

Ahmetov, I., Linde, E., Mozhayskaya, I., Astratenkova, I., Prostova, A., Popov, D., Misina, S., Shikhova, J., Montgomery, H. [Russia]

PP2-12-7

ACCELERATED GLIAL REACTIVITY TO STROKE IN AGED RATS CORRELATES WITH REDUCED FUNCTIONAL RECOVERY

*Morarar, E., Rusu, L. [Romania]***PP2-13 Sociology 1/1**

CHAIR:

HARTMANN-TEWS, H. [GERMANY]

PP2-13-1

INEQUALITIES IN THE USE OF INDOOR AND OUTDOOR SPORT FACILITIES AMONG ADULTS

Serrano-Sanchez, J.A., Sanchis-Moysi, J., Dorado-García, C., Ara-Royo, I., Vicente-Rodríguez, G., Calbet, J.A. [Spain]

PP2-13-2

INFLUENCE OF PERFORMING SPORTS IN PUBLIC ON THE IMAGE OF AUSTRIAN POLITICIANS

Hotter, B., Nessizius, K., Kornel, E. [Austria]

PP2-13-3

THE FITNESS CLUB: A BENTHAM'S PANOPTICON FOR A SELF-CARE?

Pereira, A.L. [Portugal]

PP2-13-4

DECISION-MAKING PROCESSES IN SPORTS CLUBS

Nagel, S. [Germany]

PP2-13-5

THE INVISIBLE WOMAN - GENDER AND SPORT IN THE MOST IMPORTANT NEWSPAPER IN BRAZIL

Knijnik, J.D., Sturmer Soares de Souza, J. [Brazil]

PP2-13-6

CAN WOMEN PRACTICE FIGHTS? A STUDY ABOUT THE SOCIAL REPRESENTATIONS OF COLLEGE STUDENT WOMEN FIGHTERS

Knijnik, J.D., Ferretti, M.A. [Brazil]

CHAIR:

MCNAMEE, M. [UNITED KINGDOM]

PP2-14-1

WEB BASED CONTENT MANAGEMENT SYSTEM TO ACQUIRE, STORE AND USE DIAGNOSTIC DATA

Seifriz, F., Mester, J. [Germany]

PP2-14-2

UNDERSTANDING THE BACKGROUND CONDITIONS OF INTENTIONAL MOVEMENTS IN SPORT: A STUDY OF SEARLE'S 'BACKGROUND CAPACITIES'

Moe, V.F. [Norway]

PP2-14-3

TECHNIQUE TRAINING IN SPORTS WITH MODERN DIGITAL TECHNOLOGY

Engelmeyer, E., Mester, J., Seifriz, F. [Germany]

PP2-14-4

TECHNOLOGY ENABLES INTELLECTUAL CAPITAL MANAGEMENT AT THE GERMAN SPORT UNIVERSITY COLOGNE

Wigger, U., Mester, J. [Germany]

PP2-14-5

SPORTS AND COMPETITIVE SPORTS ORGANIZATIONS IN CHINA

Miao, J. [China]

PP2-14-6

ANALYTICAL HIERARCHY PROCESSING (AHP) AS A MODERN TECHNIQUE FOR GROUP DECISION MAKING IN SPORT MANAGEMENT

Honari, H. [Iran]

PP2-14-7

CHANGES IN SPORT FINANCING BETWEEN 2005 AND 2010 IN PÉCS, THE CAPITAL OF EUROPEAN CULTURE

Papp, G., Vass, M., Prisztóka, G. [Hungary]

Saturday, July 8th, 2006

PP3-01 Physiology 1-9

CHAIRS:

CAPOROSSI, C. [ITALY]
 NARICI, N. [UNITED KINGDOM]
 VOGT, V. [SWITZERLAND]
 HOWALD, H. [SWITZERLAND]
 LINDSTEDT, L. [UNITED STATES]
 KLISSOURAS, K. [GREECE]
 NICOL, N. [FRANCE]
 SCHUBERT, S. [GERMANY]
 DI PRAMPERO, D. [ITALY]

PP3-01-1
 INCREASES OF STRENGTH AND RESISTENCE TO FATIGUE IN RESPONSE TO STRENGTH TRAINING PROGRAMS WITH DIFFERENT EXTERNAL LOADS
Bravy, Y., Netreba, A., Vinogradova, O. [Russia]

PP3-01-2
 RELATION BETWEEN THE RECOVERY AND PERFORMANCE VARIABLES IN SPANISH ELITE CYCLISTS
Benito, P.J., Meléndez, A., Calderón, F.J., Marfín, C., Díaz, V., Peinado, A.B., Morencos, E. [Spain]

PP3-01-3
 FUNCTIONAL MODEL OF ITALIAN ICE HOCKEY
Galvani, C., Colombo, I., Cavalazzi, E., Marini, C., Sanbiase, C., Casolo, F., Faina, M. [Italy]

PP3-01-4
 ANALYSIS OF BODY-BALANCE FUNCTIONS OF BALLET-DANCERS
Peffi, Á, 1. Ángyán, L. 2 [Hungary]

PP3-01-5
 LONGITUDINAL PROFILING OF URINARY STEROIDS BY GAS CHROMATOGRAPHY/COMBUSTION/ISOTOPE RATIO MASS SPECTROMETRY: DIET CHANGE MAY RESULT IN CARBON ISOTOPIC VARIATIONS
Saudan, C., Kamber, M., Barbatí, G., Robinson, N., Desmarchelier, A., Mangin, P., Saugy, P. [Switzerland]

PP3-01-6
 USE OF ISOTOPE RATIO MASS SPECTROMETRY TO DETECT DOPING WITH ORAL TESTOSTERONE UNDECANOATE: INTER-INDIVIDUAL VARIABILITY OF 13C/12C RATIO
Saudan, C., Baume, N., Desmarchelier, A., Strahm, E., Sottas, P.-E., Bagutti, C., Cauderay, M., Schumacher, Y.O., Mangin, P., Saugy, M. [Switzerland]

PP3-01-7
 HYSTERESIS OF FORCE AND SURFACE MECHANOMYOGRAM DURING MUSCLE STIMULATION
Orizio, C., Diemont, B., Gobbo, M. [Italy]

PP3-01-8
 MUSCLE STIMULATION TECHNIQUES UNDERESTIMATE CENTRAL CONTRIBUTIONS TO FATIGUE DURING MAXIMAL VOLUNTARY CONTRACTIONS
Swart, J., Tucker, R., Harley, Y., Albertus, Y., Noakes, T.D., St Clair Gibson, A. [South Africa]

PP3-01-9
 THE INFLUENCE OF CARBOHYDRATE CONSUMPTION ON ALTERATIONS IN LEUKOCYTES AND CYTOKINES FOLLOWING EXERCISE IN TEMPERATE AND HOT CONDITIONS
Peake, J., Abbiss, C., Peiffer, J., Nosaka, K., Laursen, P.B., Suzuki, K. [Australia]

PP3-01-10
 A COMPARISON OF MUSCLE DAMAGE AND SYSTEMIC INFLAMMATORY RESPONSES TO SUBMAXIMAL VERSUS MAXIMAL ECCENTRIC EXERCISE
Peake, J., Nosaka, K., Muthalib, M., Suzuki, K. [Australia]

PP3-01-11
 THE EFFECT OF REST ON RUNNING ECONOMY FOLLOWING ECCENTRICALLY INDUCED MUSCLE DAMAGE
Paschalis, V., Koutedakis, Y., Baltzopoulos, V., Mougios, V., Jamurtas, A. [Greece]

PP3-01-12
 GROWTH HORMONE RESPONSE TO 30 AND 50HZ WHOLE-BODY VIBRATION IN HEALTH YOUNG MEN AND WOMEN
Howard, K., Miller, O., Dowling, I., Hunter, A., Jakeman, P. [Ireland]

PP3-01-13
 ANTHROPOMETRIC MEASURES, AGE AND GENDER AS PREDICTORS OF PERFORMANCE IN SIMPLE MOTOR SKILLS DURING CHILDHOOD AND ADOLESCENCE
Gortsila, E., Maridaki, M., Kellis, S., Kotzamanidis, C. [Greece]

PP3-01-14
 THE IMPORTANCE OF IL-6 IN THE RESPONSE TO SHORT-TERM INTERMITTENT IMMOBILISATION STRESS IN RATS, BOTH IN CIRCULATION AND DOWNSTREAM: ILLUMINATED USING AN IL-6 ANTIBODY
Smith, C., Wilson, N.W., Louw, A., Myburgh, K.H. [South Africa]

PP3-01-15
 CARDIORESPIRATORY RESPONSE TO 20 KM OF ROAD RUNNING ESTIMATED BY THE COSMED K4B2
Kinoshita, N. 1, Tadokora, K. 2, Ando, J. 3, Onishi, S. 1, Yamazaki, H. 1, Oguma, Y. 1, Katsukawa, F. 1 [Japan]

PP3-01-16
 CONSISTENCY OF THE COSMED K4B2 WITH QUARK B2 IN MAXIMAL EXERCISE TEST FOR ENDURANCE ATHLETES
Kinoshita, N., Oguma, Y., Katsukawa, F., Onishi, S., Yamazaki, H. [Japan]

PP3-01-17
 MAXIMAL LACTATE STEADY STATE IN ALLOXAN DIABETIC RATS
Oliveira Camila, A.M., Ribeiro, C., Mota, C.S., Araújo, M.B., Zanirato, N.S., Luciano, E., Mello, M.A. [Brazil]

PP3-01-18
 BOVINE COLOSTRUM AND GOAT MILK POWDERS REDUCE HEAT-INDUCED „LEAKY GUT“ IN RATS
Cummins, R.A. 1, Prosser, C. 2+3, Stelwagen, K. 2, Gill, N. 1, Milne, C. 4 [New Zealand]

PP3-01-19
 MASKED INCREASE IN THE CONCENTRATION OF SERUM DEHYDROEPIANDROSTERONE SULPHATE AND TESTOSTERONE AFTER A PROLONGED EXHAUSTIVE EXERCISE IN SEDENTARY WOMEN
Enea, C., Boisseau, N., Millet, C., Bonnaud, J.Y., Diaz, V., Dugué, B. [France]

PP3-01-20
 HIGHER OXYGEN CONSUMPTION DURING ACTIVE RECOVERY FROM INTENSE EXERCISE IN SOCCER PLAYERS
Omori, K., Okumoto, T., Ebsshi, H. [Japan]

PP3-01-21
 THE EFFECTS OF CALORIC RESTRICTION AND EXERCISE ON LEARNING AND OXIDATIVE STRESS MARKERS OF THE BRAIN
Szabo, Z., Jakus, J., Nyakas, C., Radak, Z. [Hungary]

PP3-01-22
 THE INFLUENCE OF FATIGUE ON TEMPERATURE REGULATION DURING PROLONGED EXERCISE
Kacin, A., Golja, P., Tipton, M.J., Eiken, O., Mekjavic, I.B. [Slovenia]

PP3-01-23
 EFFECTS ON THE THRESHOLD FORCE AND FREQUENCY OF HT- AND LT-MUS WITH INSTANTANEOUS COLD STIMULATION
Yona, M., Tadano, C., Seki, H., Naito, Y., Muro, M. [Japan]

PP3-01-24
 THE EFFECT OF ACTIVE VERSUS PASSIVE RECOVERY IN HIGH-INTENSITY INTERMITTENT EXERCISE ON SALIVA FLOW RATE, SALIVARY SECRETORY IMMUNOGLOBULIN A AND AMYLASE RESPONSES
Naito, Y., Matsumoto, T., Yona, M., Muro, M. [Japan]

PP3-01-25
 EVALUATE THE CHANGE OF %SPO2 AND HEART RATE AT LACTATE THRESHOLD IN MALE ELITE ATHLETES DURING SPORT UNTIL EXHAUSTION
Tabatabaei, H. [Iran]

PP3-01-26
 PRIOR HEAVY EXERCISE DOES NOT AFFECT PHASE II VO2 KINETICS BUT INCREASES MUSCLE OXYGENATION KINETICS DURING HEAVY EXERCISE
Marles, A., Perrey, S., Legrand, R., Blondel, N., Beibeder, D., Mucci, P., Prieur, F. [France]

PP3-01-27
 BIA-VECTOR AS A TOOL TO DETECT DEHYDRATION
Golja, P. 1, Blatnik, J. 1, Tomazo-Ravnik, T. 2 [Slovenia]

PP3-01-28
 SPIROERGOMETRY IN THE SWIM FLUME: STROKE RATE OF ENDURANCE AND SPRINT SWIMMERS AS A POSSIBLE INDICATOR FOR SWIMMING EFFICIENCY
Reer, R., Ramcke, C., Ziegler, M., Braumann, K.M. [Germany]

PP3-01-29
 PHYSIOLOGICAL ASSESSMENT AT AND ABOVE CRITICAL POWER IN CHILDREN
Williams, C.A. 1, Berthoin, S. 3, Deckerle, J. 2, McGrawley, K. 2, Carter, H. 2 [United Kingdom]

PP3-01-30
 EXERCISE AS AN ANTIOXIDANT: IT UP-REGULATES IMPORTANT ENZYMES FOR CELL ADAPTATIONS TO EXERCISE
Gomez-Cabrera, M.-C., Domenech, E., Ji, LL., Viña, J. [Spain]

PP3-01-31
 GENDER DIFFERENCES ON FAT OXIDATION RATES DURING EXERCISE IN POST PUBERTAL ADOLESCENTS
Zunquin, G., Theunynck, D., Arhan, P., Bougle, D. [France]

PP3-01-32
 THE EFFECT OF RESISTANCE AND ENDURANCE TRAINING ON SERUM ADIPONECTIN AND INSULIN RESISTANCE INDEX IN HEALTHY MEN
Hamrdinia, M.R., Haghighi, A.H., Ahmadizad, S. [Iran]

PP3-01-33
 PROXIMAL-DISTAL SKIN TEMPERATURE GRADIENT AS AN INDEX OF PERIPHERAL SKIN BLOOD FLOW DURING EXERCISE
Kounalakis, S. 1, Mekjavic, I.B. 2+3, Geladas, N.D. 1 [Greece]

PP3-01-34
 THE EFFECTS OF VARIOUS STRENGTH TRAINING PROGRAMS UPON STRUCTURAL AND FUNCTIONAL CHANGES OF KNEE EXTENSOR MUSCLES IN SINGLE- AND MULTI-JOINT MOVEMENTS
Vinogradova, O., Netreba, A., Popov, D., Lyubaeva, E., Bravy, Y. [Russia]

- PP3-01-35
ACUTE HYPOTHALAMIC-PITUITARY-ADRENAL AXIS RESPONSE TO THE STRESS IN SWIMMING AND RUNNING RATS
Conarteze, R.V., de Barros Machado, F., Gobatto, C.A., Luciano, E., de Mello, M.A. [Brazil]
- PP3-01-36
THE EFFECT OF LIGHT INTERMITTENT EXERCISE WHILE SEATED ON PEAK FEMORAL ARTERY BLOOD VELOCITY
Hunter, S., Spencer, S. [United Kingdom]
- PP3-01-37
REGULATION OF SKELETAL MUSCLE MASS IN RESPONSE TO MYOSTATIN GENE ELECTROTRANSFER
Durieux, A.C., Amirouche, A., Banzet, S., Koulmann, N., Bonnefoy, R., Mouret, C., Bigard, X., Peinnequin, A., Freyssenet, D. [France]
- PP3-01-38
BLOOD LACTATE CHANGES DURING INDOOR CYCLING
Clijisen, R., Taeymans, J., Pfister, R., Wüthrich, M., Duquet, W. [Switzerland]
- PP3-01-39
MENARCHEAL AGE, MENSTRUAL DISORDERS AND SOMATOTYPES OF SWISS ELITE JUNIOR AND SENIOR SYNCHRONIZED SWIMMERS
Taeymans, J., Clijisen, R., Kersting, M., Clarys, P., Duquet, W. [Switzerland]
- PP3-01-40
APOPTOSIS IN INDUCED SPUTUM CELLS IN LONG-DISTANCE RUNNERS: A LONGITUDINAL STUDY
Chimenti, L., Bonsignore, M.R., Paterno, A., Vultaggio, M., Bonanno, A., Bellia, V., Bonsignore, G., Morici, G. [Italy]
- PP3-01-41
REMODELING AND INFLAMMATION OF SMALL AIRWAYS IN ENDURANCE TRAINED MICE
Chimenti, L., Morici, G., Paternò, A., Bonanno, A., Licciardi, A., Veca, M., Bonsignore, M.R. [Italy]
- PP3-01-42
EFFECT OF RESISTANCE EXERCISE ON CHANGES IN MYONUCLEAR NUMBER AND FIBER SIZE IN RAT GASTROCNEMIUS MUSCLE FOLLOWING HINDLIMB-UNLOADING
Yamauchi, H., Miyano, S., Kimura, M., Shibasaki, T. [Japan]
- PP3-01-43
THE EFFECTS OF 30 HOUR SLEEP DEPRIVATION ON VOLLEYBALL BASIC SKILL PERFORMANCE AND PHYSIOLOGICAL VARIABLES
Tarverdizadeh, B., Behpoor, N., Safikhani, H. [Iran]
- PP3-01-44
INFLUENCE OF THE POSITIONAL ROLE ON THE MORPHOLOGICAL AND FUNCTIONAL CHARACTERISTICS IN SOCCER PLAYERS
Olm, T., Thomson, K., Baskin, K., Herde, K. [Estonia]
- PP3-01-45
CHANGES IN LATENT TIME OF THE H WAVE AFTER ARM CRANK EXERCISE
Kazuyoshi, S., Hidetaka, Y., Tomoyuki, I., Sho, O. [Japan]
- PP3-01-46
EFFECT OF TRAINING FREQUENCY ON CUTANEOUS MICROCIRCULATION IN RATS
Guerrero, F., Heylen, E., Saïag, B., Thioub, S., Mansourati, J. [France]
- PP3-01-47
OBSERVATION OF THE CORTICAL BMD AND URINARY PHOSPHATE EXCRETION IN THE RATS AFTER SIMULATED TAIL SUSPENSION
Kim, C., Park, D. [Korea, South]
- PP3-01-48
LPS-INDUCED SICKNESS BEHAVIOR DOES NOT DEPEND ON KUPFFER CELL ACTIVATION IN MICE
Yano, H., Shiva, D., Matsumoto, T., Woods, J.A. [Japan]
- PP3-01-49
THE EFFECT OF WATER IMMERSION ON ACTIVITIES OF ANTI-GRAVITY MUSCLES
Oyanagi, E., Seki, K., Iida, T., Miyakawa, T., Onodera, S. [Japan]
- PP3-01-50
EFFECT OF INTERNAL WORK ON MUSCULAR MECHANICAL EFFICIENCY DURING CYCLING EXERCISE
Tokuji, M., Hirakoba, K. [Japan]
- PP3-01-51
CARDIOVASCULAR RESPONSES TO MAXIMAL DRY BREATH-HOLDING AT REST IN PROFESSIONAL DIVERS
Perini, R. I., Tironi, A. I., Butti, F. I., Moia, C. I., Ferretti, G. I. 2 [Italy]
- PP3-01-52
THE EFFECT OF LEG VIBRATION LOAD ON EXERCISE PERFORMANCE
Masaki, T., Takayuki, K. [Japan]
- PP3-01-53
MUSCLE AND CEREBRAL OXYGENATION CHANGES DURING ISOKINETIC LEG EXERCISE
Mookerjee, S., Weller, B., Welikovich, M., Matsuura, C., Bhambhani, Y. [United States]
- PP3-01-54
EFFECT OF ACUTE HYPOXIA ON FUNCTIONAL STATUS, RESOURCES AND PERFORMANCE OF MOUNTAINEERS
Kulnazarov, A., Ivanov, A., Sukhov, S. [Kazakhstan]
- PP3-01-55
THE STRESS OF CHESS PLAYERS. A MODEL TO STUDY THE EFFECTS OF PSYCHOLOGICAL STIMULUS ON BIOLOGICAL RESPONSES. AN EXAMPLE ON ENERGY EXPENDITURE IN MAN
Troubat, N., Gluck, M.-A., Dugué, B. [France]
- PP3-01-56
DIFFERENT ERGOMETRIC RESPONSE AFTER CAFFEINE INGESTION IN TRAINED AND UNTRAINED MEN
Olcina Camacho, G.J., Maynar, M., Caballero, M.J., Muñoz, D., Timón, R., Maynar, J. [Spain]
- PP3-01-57
MUSCLE OXYGENATION, BLOOD VOLUME, LACTATE AND HEART RATE RESPONSES DURING CONCENTRIC AND ECCENTRIC CONTRACTIONS
Moalla, W., Dupont, G., Ahmaidi, S. [France]
- PP3-01-58
ACUTE INTERLEUKIN-6 ADMINISTRATION DOES NOT ALTER PLASMA SOLUBLE INTERLEUKIN-6 RECEPTOR CONCENTRATION FOLLOWING AN ACUTE BOUT OF EXERCISE
Robson-Ansley, P., De Milander, L., Collins, M., Noakes, T. [United Kingdom]
- PP3-01-59
CHANGES OF URINE 8-OHdG LEVELS OF A SINGLE BOUT OF EXERCISE UNDER HEAT OR COLD ENVIRONMENT IN HUMANS
Saito Y., Nagashima, K., Suda, K., Kanosue, K., Tanaka, H. [Japan]
- PP3-01-60
EFFECT OF TIME OF DAY ON VO₂ KINETIC RESPONSES DURING SEVERE INTENSITY EXERCISE IN TRAINED CYCLISTS
Santana, M.G., Tufik, S., Passos, G.S., Santee, D.M., Denadai, B.S., Mello, M.T. [Brazil]
- PP3-01-61
THE EFFECTS OF WARM UP ON RELATIONSHIP BETWEEN CK AND LDH IN RECOVERY PERIOD
Kashef, M., Nameni, F. [Iran]
- PP3-01-62
EFFECTS OF SOME PHYSIOLOGICAL PARAMETERS ON SPECIFIED MOTOR SKILLS IN WATER POLO PLAYERS
Radovanovic, D. I., Stamenovic, L. I., Aleksandrovic, M. I. [Serbia and Montenegro]
- PP3-01-63
CHARACTERIZATION OF A PERIPHERAL MARKER FOR THE IDENTIFICATION OF THE PREVAILING SKELETAL FIBER TYPE
Fontes Ribeiro, C.A., Tavares, P., Cabrita, S., Santos, A.C., Rosado, F., Fontes Ribeiro, G., Oliveira, A. [Portugal]
- PP3-01-64
CASE STUDY OF SHORT-TERM HEART RATE VARIABILITY CHANGES WITH TRAINING LOAD IN A 16-YEAR-OLD MALE SWIMMER DURING PRE-COMPETITION AND COMPETITION
Matos, N., Winsley, R. [United Kingdom]
- PP3-01-65
PEAK OXYGEN UPTAKE, LACTATE, BODY MASS IN SWIMMERS AND NON-SWIMMERS
Colantonio, E., Barros, R.V., Peduti Dal Molin Kiss, M.A. [Brazil]
- PP3-01-66
DOES LOW INTENSITY ISOCAPNIC HYPERPNEA ENHANCE BLOOD LACTATE ELIMINATION AFTER EXHAUSTIVE ARM EXERCISE?
Perret, C., Mueller, G. [Switzerland]
- PP3-01-67
THE INFLUENCE OF FUNCTIONAL CLOTHING ON THE THERMOREGULATION OF AN ATHLETE
Jack, A., Thoma, S., Rossi, R., Niess, A., Schmidt, W. [Switzerland]
- PP3-01-68
PERFORMANCE OF VOLUNTARY ISOMETRIC CONTRACTIONS AFTER DOWNHILL RUNNING IN FEMALES AND MALES
Willems, M.E., Northcott, S.R. [United Kingdom]
- PP3-01-69
THE EFFECT OF AN ACTIVE RECOVERY PROGRAM ON NEUROMUSCULAR AND BIOCHEMICAL MARKERS BETWEEN TWO ELITE FEMALE SOCCER MATCHES IN FOUR DAYS
Andersson, H., Raastad, T., Nilsson, J., Kadi, F. [Sweden]
- PP3-01-70
ELITE FOOTBALL ON ARTIFICIAL TURF VERSUS NATURAL GRASS: MOVEMENT PATTERN, TECHNICAL STANDARD AND PLAYER OPINION
Andersson, H., Ekblom, B., Krstrup, P. [Sweden]
- PP3-01-71
OBTAINING THE BASIC RESPONSE PATTERN OF PHYSIOLOGICAL TIME SERIES DATA USING FOURIER LOW-PASS FILTERING
Zakynthinaki, M., Stirling, J. [Spain]
- PP3-01-72
THE EFFECT OF PEDALING RATE ON CARDIAC OUTPUT AND STROKE VOLUME DECLINE IN PROLONGED EXERCISE
Kounalakis, S.N., Nassis, G.P., Koskolou, M.D., Geladas, N.D. [Greece]
- PP3-01-73
EFFECTS OF INSPIRATORY MUSCLE FATIGUE AND BLOOD FLOW OCCLUSION ON EXERCISING MUSCLE
Lomax, M.E., McConnell, A.K. [United Kingdom]
- PP3-01-74
ADAPTIVE SHIFTS OF BRAIN HEMODYNAMICS IN ELITE ATHLETES. SPECIALIZED IN ARCHERY
Maydanuk, E. [Ukraine]
- PP3-01-75
THE EFFECTS OF GRAVITY ACCELERATION ON THE CARDIOPULMONARY RESPONSE TO EXERCISE
Bonjour, J., Tam, E., Grazzina, F., Antonutto, G., Capelli, C., Montmerle, S., Linnarsson, D., Ferretti, G. [Switzerland]

Poster Sessions

PP3-01-76
INVESTIGATION OF POSTURAL STABILITY, REACTION TIME AND BODY MEASURES IN BASKETBALL PLAYERS
Téczy, T., Ángyán, L. [Hungary]

PP3-01-77
QUANTIFICATION OF TRAINING LOADS BY USING THE CRITERIONS OF EXERCISE PULSE COST
Savelev, I.A., Popov, O.I., Voitenko, Y.L. [Russia]

PP3-01-78
INTENSITY OF INITIAL ECCENTRIC EXERCISE AND THE MAGNITUDE OF REPEATED BOUT EFFECT
Nosaka, K., Chen, T., Sacco, P. [Australia]

PP3-01-79
INFLUENCE OF DIFFERENT TYPES OF STRENUOUS TRAINING ON INDUCED FATIGUE CHANGES OF CARDIORESPIRATORY RESPONSIVENESS IN ENDURANCE ATHLETES
Mishchenko, V., Tomiak, T. [Poland]

PP3-01-80
RESPONSES OF HAEMATOLOGICAL VARIABLES TO 8 WEEKS OF RESISTANCE TRAINING
Hassanlooie, H., Ahmadizad, S., Ibrahim, K., Aslankhani A.M. [Iran]

PP3-01-81
THE ESTIMATION OF BLOOD LACTATE (LA) BASED ON HEART RATE IN ELITE SWIMMERS
Ramezani, A., Nameny, F. [Iran]

PP3-01-82
EFFECTS OF PHYSICAL TRAINING ON THE GH/IGF-1 GROWTH AXIS IN DIABETIC RATS
Gomes, R.J., Caetano, F.H., Rogatto, G.P., Pauli, J.R., de Mello, M.A., Luciano, E. [Brazil]

PP3-01-83
SURVEY THE EFFECT OF SLEEPLESSNESS ON AEROBIC AND NON-AEROBIC PERFORMANCE OF PHYSICAL EXERCISES AND SPORT SCIENCE MALE STUDENTS
Molanaei, N., Boroujerdi, S.S. [Iran]

PP3-01-84
INFLUENCE OF PHYSICAL TRAINING ON BONE METABOLISM IN EXPERIMENTAL DIABETIC RATS
Luciano, E., Gomes, J.R., de Oliveira, C.A., Luciano, E.A., de Mello, M.A. [Brazil]

PP3-01-85
OXYGEN UPTAKE KINETICS AT THE ONSET OF MODERATE-INTENSITY EXERCISE IN TRAINED BOYS BETWEEN 12 AND 15 YEARS OLD
Millet, G., Solano, R., Borrani, F. [Qatar]

PP3-01-86
THERMOREGULATION AND HORMONAL RESPONSES DURING COLD EXPOSURE IN WHEELCHAIR ATHLETES
Sugawara, M., Taimura, A., Nakagaichi, M. [Japan]

PP3-01-87
PREVENTION OF UNLOADING-INDUCED ATROPHY BY VITAMIN E SUPPLEMENTATION : LINKS BETWEEN OXIDATIVE STRESS AND SOLEUS MUSCLE PROTEOLYSIS?
DESPLANCHES, D., LETEXIER, D., SERVAIS, S., PEQUIGNOT, J., DUCHAMP, C. [France]

PP3-01-88
IMPACT OF AN INCREMENTAL EXERCISE ON THE PAIN
Grancharska, K., Pencheva, N., Nikolova, E., Kotcev, C. [Bulgaria]

PP3-02 Training and Testing 1-7

CHAIRS:

HARTMANN, H. [GERMANY]
GLEESON, G. [UNITED KINGDOM]
URHAUSEN, U. [LUXEMBOURG]
AMESBERGER, A. [AUSTRIA]
SCHMIDT, S. [GERMANY]

PP3-02-1
ISOKINETIC STRENGTH AND JOINT MOBILITY ASYMMETRIES IN STROKE AND BOW SIDE OARSMEN
Riganas, C.S., Vrabas, I.S., Papadopoulou, Z., Vamvakoudis, E., Mandroukas, K. [Greece]

PP3-02-2
LIGHTWEIGHT AND OPEN CLASS ROWERS: DIFFERENCES IN PHYSICAL PERFORMANCE AND ANTHROPOMETRIC CHARACTERISTICS
Riganas, C.S., Vrabas, I.S., Papadopoulou, Z., Vamvakoudis, E., Mandroukas, K. [Greece]

PP3-02-3
PHYSIOLOGICAL DEMANDS OF 4 V 4 AND 8 V 8 GAMES IN ELITE YOUNG SOCCER PLAYERS
Drust, B., Jones, S. [United Kingdom]

PP3-02-4
TRAINING PREPARATION FOR AND PHYSICAL RESPONSES TO AN ULTRA LONG TERM HANDBIKE RACE
Abel, T., Lindschulten, R., Schneider, S., Strüder, H.K. [Germany]

PP3-02-5
EXPLOSIVE LEG STRENGTH AND LEG STIFFNESS AS PREDICTORS OF 100M SPRINT PERFORMANCE IN ELITE CROATIAN SPRINTERS
Vueti, V., Babi, V., Markovi, G. [Croatia]

PP3-02-6
ENERGETIC COST AND D-TE RELATIONSHIP IN SWIMMING
Dekerle, J., Zamparo, P., Capelli, C., di Prampero, P.E. [United Kingdom]

PP3-02-7
PHOSPHATE INGESTION LOWER BLOOD LACTATE CONCENTRATION AFTER A MAXIMAL OXYGEN CONSUMPTION TEST
Frøyd, C. [Norway]

PP3-02-8
ACCURACY OF SUB MAXIMAL CYCLO-ERGOMETRY IN SENIOR ROWERS AND RUNNERS - WHAT CAN WE CONCLUDE BASED ON THE STATISTICS?
Ruzic, L., Mikulic, P., Sporis, G. [Croatia]

PP3-02-9
FROM INTENTION TO ACTION: TOWARD PROFESSIONALISM IN TENNIS
Leitão, M.T., Bergamo, V.R., Loschi, L., Lemos, E., Campos, K. [Brazil]

PP3-02-10
THE DEVELOPMENT OF WOMEN'S BASKETBALL AFTER BALL SIZE REDUCTION: A STATISTICAL ANALYSIS OF PARTICIPATING PLAYERS OF 2003 AND 2005 EUROPEAN CHAMPIONSHIP AND CONSEQUENCES FOR THE TRAINING PROCEDURES
Ohanian, J., Michna, H. [Germany]

PP3-02-11
STUDY OF THE EFFECTS OF BRIEF AND LONG TERM OF STIMULATION METHOD IN THE KICK BOXING
Villani, R. 1,2+3, Tomasso, A. 1+3, Fratarcangeli, M. 1, Distaso, M. 1+3 [Italy]

PP3-02-12
90S ALL-OUT TEST AND AEROBIC FITNESS IN CHILDREN
Dekerle, J., Williams, C.A., McGawley, K., Berthoin, S., Carter, H. [United Kingdom]

PP3-02-13
INFLUENCE OF EXERCISE DURATION ON RESTING HEART RATE VARIABILITY FOLLOWING EXERCISE IN ACTIVE WOMEN
James, D.V., Reynolds, L.J. [United Kingdom]

PP3-02-14
GOAL SCORING PATTERNS OF THE GREEK NATIONAL SOCCER LEAGUE
Katis, A., Kati, F., Kellis, E. [Greece]

PP3-02-15
ELABORATION OF A SPECIFIC TEST FOR THE EVALUATION OF PUNCHES FREQUENCY SPEED OF BOXING
Villani, R. 1,2+3, Tomasso, A. 1+3, Tucciarone, G. 1, Distaso, M. 1+3 [Italy]

PP3-02-16
RELIABILITY AND VALIDITY OF AN ACCELEROMETER-BASED FOOT SENSOR IN RUNNING
Niessen, M., Hartmann, U., Laukkanen, R., Kinnunen, H. [Germany]

PP3-02-17
RELATIONSHIP BETWEEN MOTOR PERFORMANCE ABILITY AND PERCEIVED PHYSICAL STATES IN YOUNG ELITE SOCCER PLAYERS
Kornmayer, A., Steinbacher, A., Spitzenpfeil, P., Kleinert, J., Hartmann, U. [Germany]

PP3-02-18
THE RELATIONSHIP BETWEEN EXERCISE INTENSITY AND TIME TO EXHAUSTION DURING SHORT INTERMITTENT RUNS: IMPACT OF EXERCISE BOUTS DURATION, CARDIORESPIRATORY FITNESS, EXPLOSIVE STRENGTH OF LOWER LIMBS AND
Buchheit, M., Pactat, F. [France]

PP3-02-19
EFFECTS OF 6-WEEK RESISTANCE TRAINING PROGRAM USING „RESISTOGYM“ ELASTICATED TUBING ON PHYSIOLOGICAL PERFORMANCE INDICES IN AMATEUR MALE SOCCER PLAYERS
Donne, B., McGowan, M. [Ireland]

PP3-02-20
EFFECT OF INITIAL PACING STRATEGY UPON 10-KM RUNNING PERFORMANCE
Edwards, B.J., Currell, K., Waterhouse, J., Atkinson, G. [United Kingdom]

PP3-02-21
THE INFLUENCE OF STRENGTH TRAINING IN ISOKINETIC STRENGTH AND IN THE PERFORMANCE OF SOCCER PLAYERS IN JUMP, SPRINT AND AGILITY TESTS
Alves, J., Rebelo, A. [Portugal]

PP3-02-22
20-HZ WHOLE BODY VIBRATION TRAINING FAILS TO COUNTERACT THE DECREASE IN LEG MUSCLE VOLUME INDUCED BY 14 DAYS OF 6° HEAD DOWN TILT BED REST
Zange, J., Liphardt, A.M., Müller, K., Mester, J. [Germany]

PP3-02-23
STUDY ON THE IMPROVEMENT OF TAKE OFF HEIGHT IN 13-14 YEARS OLD GIRLS AND 14-15 YEARS OLD BOYS
Rata, B.C., Rata, G., Marinela, R., Gheorghie, B. [Romania]

PP3-02-24
STROKE QUALITY WITH YOUTHFUL CADRE PLAYERS OF THE INTERNATIONAL TOP CLASS IN TENNIS
Pieper, S., Denke, I., Weber, K. [Germany]

PP3-02-25
EFFECTS OF DIFFERENT BODY POSITIONS ON BIOELECTRICAL IMPEDANCE ANALYSIS
Knuth, S., Yue, Z., Mester, J. [Germany]

PP3-02-26
BIOELECTRICAL IMPEDANCE ANALYSES: RELIABILITY OF THREE DIFFERENT SCALES
Knuth, S., Yue, Z., Mester, J. [Germany]

PP3-02-27
VARIATION IN BODY STRUCTURE, AEROBIC/ANAEROBIC FITNESS AND MATURATIONAL STATUS OF FEMALE PORTUGUESE SWIMMERS 12-13 YEARS
Figueiredo, A., Coelho e Silva, M., Ribeiro, L., Rama, L., Peña Reyes, M., Malina, R.M. [Portugal]

- PP3-02-28
TWO-YEAR STABILITY AND IN-FIELD RELIABILITY OF FUNCTIONAL CAPACITIES AND SOCCER SKILLS AMONG YOUTH SOCCER PLAYERS
Figueiredo, A., Coelho e Silva, M., Malina, R.M. [Portugal]
- PP3-02-29
REGULARITIES OF THE ATTACK DEPENDING ON RECEPTION AND SETTING ZONE:
Mesquita, I., Afonso, J. [Portugal]
- PP3-02-30
PERFORMANCE PREDICTING FACTORS DURING PROLONGED NON-STEADY STATE CYCLING
Laaksonen, M.S., Björklund, G.B., Pettersson, S., Schagatay, E. [Sweden]
- PP3-02-31
THE EFFICACY OF A GENERAL PHYSICAL CONDITIONING PROGRAMME ON GREEK CADETS' PERFORMANCE CAPACITY
Havenetidis, K., Paxinos, T., Kardaris, D. [Greece]
- PP3-02-32
ORGANIZATIONAL BASIS OF RATIONAL LONG-TERM PREPARATION SYSTEM
Shynkaruk, O. [Ukraine]
- PP3-02-33
GENERAL THEORY OF ATHLETE PREPARATION IN OLYMPIC SPORTS AND METHODOLOGICAL ASPECTS OF ITS BUILDING-UP
Platonov, V. [Ukraine]
- PP3-02-34
THE CHARACTERISTIC OF RELATIONS BETWEEN TRAINING EFFORT AND THE LEVEL OF AEROBIC CAPACITY IN YOUNG FOOTBALL PLAYERS
Szmatlan-Gabrys, U., Bakalarski, W., Gabry, T. [Poland]
- PP3-02-35
FEASIBLE MISTAKES IN THE INCREASE OR MAINTENANCE OF THE BONE MINERAL DENSITY
Glaner, M.F., da Silva, R.A. [Brazil]
- PP3-02-36
SIMPLIFIED DOUBLE BOUTS EXERCISE METHOD FOR NON-EXHAUSTIVE AEROBIC CAPACITY DETERMINATION IN SEDENTARY RUNNING RATS
de Barros Machado, F., Contarteze, R.V., Gobatto, C.A., Luciano, E., de Mello, M.A. [Brazil]
- PP3-02-27
EFFECTS OF COMPUTER-GUIDED STRENGTH TRAINING WITH ECCENTRIC OVERLOAD IN TRAINED ATHLETES
Klute, K., Bauer, T., Kinscherf, R., Vorwald, S., Bischoff, D., Müller, H., Weber, M.-A., Kauczor, H.-U., Baerlsch, P., Billeter, R., Friedmann, B. [Germany]
- PP3-02-38
SPORT-SPANNING TRAINING VARIABILITY AUGMENTS INDIVIDUAL SUCCESS POTENTIAL IN ELITE SPORT
Güllich, A., Emrich, E. [Germany]
- PP3-02-39
THE STRUCTURE OF EFFORT INTENSITY IN AN ICE HOKEY GAME OF POLISH NATIONAL TEAM
Gabrys, T., Bakalarski, W., Szmatlan-Gabrys, U. [Poland]
- PP3-02-40
CORRELATION BETWEEN SHORT DISTANCE VELOCITY AND DRIBBLING IN YOUNG ELITE FOOTBALL PLAYERS
Laudenklos, P., Herdener, L., Lottermann, S., Weber, K. [Germany]
- PP3-02-41
PHYSIOLOGICAL PROFILE OF ELITE PORTUGUESE TRIATHLETES
Martins, F., Oliveira, E., Ascensão, A., Magalhães, J., Soares, J. [Portugal]
- PP3-02-42
EFFECT OF CYCLIST SPECIFICITY ON THE SELECTION OF THE PREFERRED PEDALLING CADENCE IN SEATED AND STANDING POSITION
Duc, S., Bertucci, W., Pernin, J.-N., Grappe, F. [France]
- PP3-02-43
KNEE RANGE OF MOTION IN HEALTHY ADULTS: A NON INVASIVE STUDY DURING TREADMILL WALKING
Lovecchio, N., Turci, M., Shirai, J.F., Mantovani, E., Sforza, C. [Italy]
- PP3-02-44
PRELIMINARY STUDY OF CONSTRUCT VALIDITY OF THE DEMOCRITUS-PSYCHOMOTOR ASSESSMENT TOOL FOR PRESCHOOL CHILDREN
Kambas, A., Venetsanou, F., Aggeloussis, N. [Greece]
- PP3-02-45
EFFECTS OF ISOKINETIC TRAINING USING SUBJECTIVE EFFORT TO REGULATE INTENSITY ON MUSCLE STRENGTH IMPROVEMENT
Onodera, K., Iwaoka, K., Yamaji, K. [Japan]
- PP3-02-46
IS TRAINING ABLE TO INFLUENCE THE HEART RATE CIRCADIAN RHYTHM ?
La Torre, A., Roveda, E., Montaruli, A., Calogiuri, G., Carandente, F. [Italy]
- PP3-02-47
ANAEROBIC EXERCISE TESTS IN TAEKWON-DO ATHLETES: A COMPARISON OF AN INTERMITTENT ANAEROBIC TEST AND A 60-S BOSCO JUMP TEST
Vodicka, P., Heller, J. [Czech Republic]
- PP3-02-48
SOFTWARE FOR REGISTER AND EVALUATION OF LOAD IN TRIATHLON
Kovar, K., Suchy, J. [Czech Republic]
- PP3-02-49
RELATIONSHIP BETWEEN A NEW FUTSAL INTERMITTENT ENDURANCE TEST (FIET) AND REPEATED-SPRINT ABILITY IN PROFESSIONAL FUTSAL PLAYERS
Barbero-Álvarez, J.C., Miladi, I., Ahmaid, S. [Spain]
- PP3-02-50
HEART RATE MONITORING DURING OFFICIAL SOCCER MATCHES
Stanganelli, L.C., Eliotério, E.C., Bortolossi de Souza, O., Frisselli, A., Dourado, A.C. [Brazil]
- PP3-02-51
TRAINING ADAPTATION ON JUMP CAPACITY OF ELITE VOLLEYBALL PLAYERS IN THREE DIFFERENT MACROCYCLES
Stanganelli, L.C., Dourado, A.C., Oncken, P., Mançan, S. [Brazil]
- PP3-02-52
OXYGEN UPTAKE RESPONSE TO 800-M AND 1500-M RUNNING RACES
Hanon, C., Thomas, C., Levêque, J.-M., Vivier, L. [France]
- PP3-02-53
THE EFFECT OF STRENGTH TRAINING ON SHOTPUT PERFORMANCE
Terzis, G., Kavouras, S., Georgiadis, G. [Greece]
- PP3-02-54
REPEATABILITY OF THE STABILOMETRIC ASSESSMENT OF BODY SWAY
Galante, D., Shirai, Y.F., Pallavera, A., Ferrario, V.F., Sforza, C. [Italy]
- PP3-02-55
CONTINUOUS VERSUS INTERVAL AEROBIC TRAINING IN 8-11 YEAR-OLD CHILDREN
Baquet, G., Thevenet, D., Gamelin, F.-X., Nourry, C., Nottin, S., van Praagh, E., Berthoin, S. [France]
- PP3-02-56
INFLUENCE OF RECOVERY INTENSITY ON THE TOTAL OXYGEN UPTAKE DURING A SINGLE INTERMITTENT SESSION IN YOUNG ATHLETES
Thevenet, D., Leclair, E., Tardieu-Berger, M., Prioux, J. [France]
- PP3-02-57
PLASMA GLUCOSE, ENERGY EXPENDITURE, VO₂MAX AND POWER MARKERS AFTER A RUNNING-BASED ANAEROBIC SPRINT TEST (RAST) IN FEMALE COLLEGE STUDENTS
Ghanbari Niaki, A., Fathi, R., Ghorbanalizadeh-Ghazian, F. [Iran]
- PP3-02-58
EVALUATION OF FUNCTIONAL PERFORMANCE OF LOWER EXTREMITES IN ATHLETIC AND NON-ATHLETIC STUDENTS: A COMPARATIVE STUDY
Cavlak, U., Ummuhan, B.A. [Turkey]
- PP3-02-59
THE SIGNS OF STRAIN AND DISABILITY CARDIOVASCULAR ADAPTATION TO THE TRAINING LOADS IN ELITE ATHLETES
Yashchenko, A. [Ukraine]
- PP3-02-60
WAYS OF SOLUTIONS IN THE FORCE-SPEED RELATION IN THE TRAINING OF JUNIORS RUNNERS – THE EVENT: 100 M HURDLES
Mihăilescu, L., Mihăilescu, N., Mihăilescu, L. [Romania]
- PP3-02-61
COMPARISON BETWEEN CONTINUOUS AND INTERMITTENT TRAINING IN CHILDREN 8-11 YEARS OLD CHILDREN
Baquet, G., Dupont, G., Van Praagh, E., Berthoin, S. [France]
- PP3-02-62
A STUDY OF AN ELITE BACKSTROKE SWIMMER WHO MADE RAPID PROGRESS
Yoshimura, Y., Tanaka, T., Oishi, K., Yasukawa, M., Matsuo, A. [Japan]
- PP3-02-63
CAFFEINE HAS A TRIVIAL EFFECT ON 5 KM RUNNING PERFORMANCE
O'Rourke, M., O'Brien, B., Knez, W., Paton C. [Australia]
- PP3-02-64
ACUTE ADAPTATION IN ELITE ATHLETES TO TRAINING LOADS IN MODERN PENTATHLON
Driukov, V., Pavlenko, Y. [Ukraine]
- PP3-02-65
ASSESSING ENERGY EXPENDITURE AND EXERCISE INTENSITY IN HORIZONTAL JUMPS BY HEART RATE MONITORING
Veligekas, P., Theodorou, A.S. [Greece]
- PP3-02-66
A META-ANALYSIS OF SINGLE-SET VS. MULTIPLE-SET-TRAINING
Fröhlich, M., Gießing, J. [Germany]
- PP3-02-67
THE AEROBIC POWER IN RELATION TO SUSTAINING OF HIGH TRAINING LOADS IN YOUNG GYMNASTICS
Sawczyn, S., Zasada, M. [Poland]
- PP3-02-68
INFLUENCE OF RESPIRATORY TRAINING ON ATHLETES' CARDIORESPIRATORY FAST KINETICS AND SENSITIVITY TO CO₂ AT FATIGUE INDUCED BY EXHAUSTIVE TRAINING SESSIONS
Tomiaik, T., Mishchenko, V. [Poland]
- PP3-02-69
ANALYSIS OF REAL PLAYING TIME FOR ELITE BEACH VOLLEYBALL PLAYERS: EUROPEAN CHAMPIONSHIPS (SPAIN 2005)
Pérez Turpín, J.A., Suárez Llorca, C., Andreu, E., Blasco, J. [Spain]
- PP3-02-70
THE COMBINED EFFECT OF TIME OF DAY AND MENSTRUAL CYCLE ON VARIOUS METABOLIC VARIABLES
Forsyth, J., Reilly, T. [United Kingdom]

Poster Sessions

PP3-02-71
STRUCTURE OF TECHNICAL PREPARATION OF ACROBATS
Niznikowski, T., Sadowski, J., Booban, W., Mastalerz, A., Niznikowska, E. [Poland]

PP3-02-72
MODIFICATION OF CYCLING BIOMECHANICS DURING A SWIM-TO-CYCLE TRIAL
Delextrat, A., Tricot, V., Bernard, T., Vercruyssen, F., Hausswirth, C., Brisswalter, J. [United Kingdom]

PP3-03 Health and Fitness 1-5

CHAIRS:
HOPMAN-ROCK, H. [NETHERLANDS]
SCHENA, S. [ITALY]
VAN POPPEL, V. [NETHERLANDS]
SCHUTZ, S. [SWITZERLAND]

PP3-03-1
VALIDITY OF UNIAXIAL ACCELEROMETRY ESTIMATING THE ENERGY EXPENDITURE OF WALKING AND RUNNING IN EARLY CHILDHOOD
Sunami, Y., Shiomi, Y., Okishima, K., Nishimuta, M., Yoshitake, Y., Adachi, M. [Japan]

PP3-03-2
OCCURRENCE, CLUSTERING AND ASSOCIATION OF CARDIOVASCULAR RISK FACTORS IN ADOLESCENTS FROM PORTO (1998 – 2003)
Martins, C., Gaya, A., Silva, F., Ribeiro, J., Santos, P., Mota, J. [Portugal]

PP3-03-3
DETECTION OF HEALTH AND FITNESS RELATED LEVELS OF TURKISH CYPRIOT CHILDREN THROUGH GRADING OF THEIR EUROFIT TEST RESULTS
Tnazc, C., Emirolu, O., Burgul, N., Atamtürk, H. [Cyprus]

PP3-03-4
LEISURE PHYSICAL ACTIVITY OF UNIVERSITY REQUIRED PHYSICAL EDUCATION COURSE STUDENTS IN HONG KONG
Cheng, Y.C. [Hong Kong]

PP3-03-5
ECRES, A SOFTWARE TO PREVENT THE EXERCISE INDUCED HYPOGLYCAEMIA IN TYPE 1 DIABETIC PATIENTS: PRELIMINARY RESULTS
Francescato, M.P., Geat, M., Tosoratti, E., Noacco, C. [Italy]

PP3-03-6
HEALTH RELATED HABITS AMONG HIGH SCHOOL STUDENTS IN SLOVENIA
Jurak, G., Kova, M., Strel, J., Starc, G. [Slovenia]

PP3-03-7
PHYSICAL ACTIVITY AND PERCEIVED ENVIRONMENTAL CHARACTERISTICS IN A PORTUGUESE SAMPLE OF MEN
Santos, R., Ribeiro, J.C., Santos, P., Mota, J. [Portugal]

PP3-03-8
AN ACCELEROMETRY METHOD TO TRACK THE EFFECTIVENESS OF A WALKING PROGRAM
Schutz, Y., Hills, A.P., Lecoultre, V., Terrier, P. [Switzerland]

PP3-03-9
ANTHROPOMETRIC MEASURES AS RISK PREDICTORS OF CARDIOVASCULAR DISEASES
Glaner, M.F., Lima, W.A. [Brazil]

PP3-03-10
PREDICTABILITY OF CARDIOVASCULAR FITNESS AT AGE 35 YEARS FROM BMI IN EARLY VERSUS LATE MATURING CHILDREN: A LONGITUDINAL STUDY
Taeymans, J., Hebbelink, M., Borms, J., Abidi, H., Duquet, W. [Switzerland]

PP3-03-11
A PILOT STUDY OF THE COMPARISON OF ATTITUDES TOWARDS PHYSICAL ACTIVITY AND EXERCISE HABITS OF ALUMNI FROM UNIVERSITIES WITH DIFFERENT PHYSICAL EDUCATION PROGRAMS IN HONG KONG
Leung, F.L., Wong, H.S. [Hong Kong]

PP3-03-12
GESUND BEWEGT - MOVE FOR HEALTH AND THE ENVIRONMENT: PHYSICAL ACTIVITY PROMOTION IN GENERAL PRACTICES IN SWITZERLAND
Handschin, M., Joss, M.K., Nüschele, M., Braun-Fahrlander, C. [Switzerland]

PP3-03-13
EFFECTS OF WEIGHT EXCESS AND GENDER ON BLOOD PRESSURE VALUES IN A SCHOOL-AGED POPULATION SCREENING
Zaccaria, D. 1, Bottinelli, R. 1, Giussani, M. 3, Tono, V. 2, Sironi, A. 2, Galbiati, S. 2, Pieruzzi, F. 2, Genovesi, S. 2 [Italy]

PP3-03-14
BASELINE CHARACTERISTICS OF EXERCISE ON PRESCRIPTION COMPLETERS AND NON-COMPLETERS
Sørensen, J.B., Jakobsen, R.B., Kragstrup, J., Puggaard, L. [Denmark]

PP3-03-15
RESEARCH ON TEACHING, LEARNING AND EXPERIMENT OF HEALTH FUNCTIONS OF AEROBIC DANCE
Weidong, L., Kwong, L.Y. [China]

PP3-03-16
PHYSICAL ACTIVITY PRESCRIPTION IN THE COMMUNITY
Bellver, M., Banquells, M., Guerrero, A., Dinares, M., Rueda, J., López-Dóriga, A. [Spain]

PP3-03-17
MOUNTAIN BIKING THROUGHOUT THE LIFE SPAN: PHYSIOLOGICAL DATA IN RECREATIONAL ATHLETES AGED 20 TO 60 YEARS
Heller, J., Vodicka, P. [Czech Republic]

PP3-03-18
CIRCUIT TRAINING IMPROVES DAILY FUNCTION IN THE ELDERLY
Cummins, R.A., Hastie, R., Burden, S. [New Zealand]

PP3-03-19
EFFECT OF EXERCISE TRAINING AND DIETARY RESTRICTION ON HEALTH-RELATED VARIABLES IN OBESE MIDDLE-AGED WOMEN - A 16-MONTH FOLLOW-UP STUDY –
Nakagaichi, M. [Japan]

PP3-03-20
ITALIAN TRENDS IN PERFORMANCE: RESULTS FROM THE EUROFIT JUMP TEST
Paleari, C., Lovecchio, N., Eid, L., Mantovani, B. [Italy]

PP3-03-21
THE RUNNING SPEED. AN INVESTIGATION TO SHOW THE PERFORMING LEVEL OF ITALIAN YOUNG PEOPLE
Paleari, C., Lovecchio, N., Eid, L., Cucco, F. [Italy]

PP3-03-22
EXERCISE-RELATED HEADACHE
Fontes Ribeiro, G., Cardoso, A.F., Félix, L., Fontes Ribeiro, C.A. [Portugal]

PP3-03-23
PHYSICAL FITNESS OF CHILDREN AGED 6 AND 7 AS A MEASURE OF HEALTH
Rokita, A., Surynt, A. [Poland]

PP3-03-24
INDICES OF WAIST CIRCUMFERENCE AND THEIR RELATIONSHIP WITH TOTAL BODY FAT AND SUBCUTANEOUS ABDOMINAL FAT IN MIDDLE-AGED MEN AT RISK OF METABOLIC SYNDROME
Scott, A.T., Woolf-May, K., Swaine, I.L. [United Kingdom]

PP3-03-25
THE IMPACT OF SWIMMING AND ROCK CLIMBING ON BLOOD LIPIDS AND BODY COMPOSITION IN MIDDLE-AGED MEN
Soultanakis, H., Vartelatos, G., Platanou, T. [Greece]

PP3-03-26
EFFECTS OF VIGOROUS AND MODERATE AEROBIC EXERCISES ON THE GENERAL HEALTH OF NON-ACTIVE MEN
Afzalpour, M.E. 1, Gharakhanlou, R. 2, Gaeini, A.A. 3, Seghatol Eslami, A. 1 [Iran]

PP3-03-27
RELIABILITY AND VALIDITY OF A NEW TEST TO ASSESS PHYSICAL PARAMETERS RELATED TO FALLS IN THE ELDERLY
Giné-Garriga, M., Guerra-Balic, M. [Spain]

PP3-03-28
GENDER AND OUTDOOR PHYSICAL ACTIVITY RELATIONS: CONSIDERATIONS FOR ACTIVE TRAVEL INITIATIVES AND ENVIRONMENTAL SUSTAINABILITY
Kilgour, L. [United Kingdom]

PP3-03-29
THE RELATIONSHIP BETWEEN THIGH SKINFOLD MEASURE, HAND GRIP STRENGTH AND TRUNK MUSCLES ENDURANCE: GENDER DIFFERENCES
Doymaz, F., Cavlak, U., Kucuk, M. [Turkey]

PP3-03-30
ANALYSING THE EFFECTS OF PHYSICAL CHARACTERISTICS ON TRUNK MUSCLES ENDURANCE IN HEALTHY SUBJECTS
Doymaz, F., Cavlak, U., Kucuk, M. [Turkey]

PP3-03-31
BMI, %FAT AND VO2MAX IN COLLEGE FEMALES
Nakhasin Roohi, B., Talebi, E. [Iran]

PP3-03-32
THE RELATIONSHIP BETWEEN PHYSICAL FITNESS WITH ANXIETY AND DEPRESSION OF DORMITORY FEMALE STUDENTS OF KURDISTAN UNIVERSITY
Sadeghi Boroujerdi, S. [Iran]

PP3-03-33
THE EFFECT OF CREATINE SUPPLEMENT ON STRENGTH, ENDOURANCE AND COMBINATION ATHLETICS PERFORMANCES
Senobar Tahaei, S.N., Sadeghi Boroujerdi, S. [Iran]

PP3-03-34
UNIVERSITY FEMALE STUDENTS' INTEREST IN SPORTS ACTIVITIES & BODYBUILDING EFFECTS
Sisi, C. [China]

PP3-03-35
COACHES AND THEIR FIGHT AGAINST DOPING
Peters, C., Selg, P., Ohanian, J., Habermann, K., Schulz, T., Pabst, H., Michna, H. [Germany]

PP3-03-36
EFFECTS OF MODERATE OUTDOOR-CYCLING VS WALKING ON AEROBIC ENDURANCE, ANTHROPOMETRIC VALUES & BODY COMPOSITION DURING 5 MONTHS MONOTHERAPEUTICAL THERAPY
Sperlich, B., Wilke, C., Wehner, S., Wienke, C., Knigge, H., Latsch, J., Montiel, G., Falkowski, G., Predel, H.G., Froböse, I. [Germany]

PP3-03-37
ANALYSIS OF ANTHROPOMETRIC CHARACTERISTICS OF CADETS AND STUDENTS
Plavina, L. [Latvia]

PP3-03-38
THE DIFFERENT TYPES OF ISOKINETIC STRENGTH TRAINING IN REHABILITATION PROGRAMS OF OVERWEIGHT WOMEN
Sawczyn, S., Kuehne, T. [Poland]

PP3-03-39
MUSCULAR ACTIVITY, AREA PRESSURE AND COMFORT RATING IN COMBINATION WITH ERGONOMICAL BICYCLE HANDLE BAR AHS FROM HUMPERT©
Sperlich, B., Niedermeyer, C., Guettge, C., Froböse, I. [Germany]

PP3-03-40
EFFECTS OF SMOKING AND FATIGUE ON HEALTH CONCITION OF DAY AND NIGHT COURSE STUDENTS USING CORNELLMEDICAL INDEX
Sakamoto, N., Sakamoto, K. [Japan]

PP3-03-41
THE EFFECTS OF VITAMIN E , VITAMIN C OR COMBINATION OF VITAMIN E AND C SUPPLEMENTATION ON BIOENERGETICS INDEX
Tarverdizadeh, B., Azarbaijani, M.A., Jourkesh, M. [Iran]

PP3-03-42
THE EFFECTS OF SAUNA ON PAIN RELIEF AND RANGE OF MOTION IN RHEUMATOID ARTHRITIS PATIENTS
Tabatabaee, A. [Iran]

PP3-03-43
EFFECTS OF PHYSICAL ACTIVITY VERSUS CARDIORESPIRATORY FITNESS ON SELECTED CAD RISK FACTORS IN YOUTH
Al-Hazzaa, H.M. [Saudi Arabia]

PP3-03-44
WALKING LIKE A TOOL OF BODY COMPOSITION AND AEROBIC FITNESS INFLUENCE IN SENIOR WOMEN
Bunc, V., Stilec, M. [Czech Republic]

PP3-03-45
EFFECTS OF AEROBIC EXERCISES ON THE SERUM OXIDIZED LDL AND TOTAL ANTIOXIDANT CAPACITY IN NON-ACTIVE HEALTHY MEN
Afzalpour, M.E., Gharakhanlou, R., Gaeini, A., Mohebi, H., Hedayati, M. [Iran]

PP3-03-46
OBESITY AND FITNESS IN COLLEGE MALES AND FEMALES
Nakhostin, B., Rahmani Nia, F. [Iran]

PP3-04 Sports Medicine 1-3

CHAIRS:
KAYSER, K. [SWITZERLAND]
KRIEMLER, K. [SWITZERLAND]
MEYER, M. [UNITED STATES]

PP3-04-1
PULMONARY FUNCTION AND BRONCHIAL RESPONSIVENESS TO METHACHOLINE IN RECREATIONAL SWIMMERS: A CROSS SECTIONAL STUDY
Ferrari, M., Corradini, G., Cantoni, B., Giordani, G., Tonello, L., Buscemi, L., Masiero, M., De Vita, F., Papadopoulou, C., Lo Cascio, V. [Italy]

PP3-04-2
EXERCISE EFFECTS ON A MODEL OF EXPERIMENTAL ARTHRITIS: HORMONAL CHANGES
Vaisberg, M.W., Bacurau, F., Pontes, F., Costa Rosa, L., Navarro, F. [Brazil]

PP3-04-3
GASTROESOPHAGEAL REFLUX DOES NOT AFFECT THE SEVERITY OF EXERCISE-INDUCED BRONCHOCONSTRICTION
Ferrari, M., Corradini, G., Papadopoulou, C., Giordani, G., Tonello, L., Buscemi, L., Masiero, M., Lo Cascio, V. [Italy]

PP3-04-4
BONE MINERAL DENSITY IN MALE AND FEMALE APPRENTICE IRISH JOCKEYS
O'Brien, M., Byrne, A.M., Beades, M., Donne, B. [Ireland]

PP3-04-5
CHILDREN PARTICIPATING IN COMPETITIVE SPORT DO NOT GET INJURED MORE THAN THE AVERAGE CHILD
Mahler, P.B., Guinand, S., Schopfer, C., Duperrex, O. [Switzerland]

PP3-04-6
PLASTICITY OF TRABECULAR BONE ARCHITECTURE FOLLOWING DENERVATION AND SUBSEQUENT REINNERVATION IN RAT PROXIMAL TIBIAE
Tamaki, H., Yotani, K., Ogita, F., Takekura, H. [Japan]

PP3-04-7
INFLUENCE OF LOWER LEG ROTATION TO MTC EFFECT OF PATELLAR CARTILAGE DURING ISOMETRIC KNEE EXTENSION
Kudo, H., Mukai, N., Kuno, S., Miyanaga, Y., Miyakawa, S. [Japan]

PP3-04-8
COMPARISON OF METHODS TO IDENTIFY LACTATE THRESHOLD DURING LEG PRESS EXERCISE
Puga, G.M., Barros, C.L., De Agostini, G.G., Simões, H.G., Garcia, E.S., Ballissera, V. [Brazil]

PP3-04-9
COMPARISON OF METHODS TO IDENTIFY LACTATE THRESHOLD ON RESISTANCE EXERCISE DURING ELBOW FLEXION
Puga, G.M., Barros, C.L., De Agostini, G.G., Simões, H.G., Garcia, E.S., Ballissera, V. [Brazil]

PP3-04-10
HEART RATE RECOVERY IN YOUNG ALPINE SKIERS WITH CONGENITAL HEART FAILURE
Castaño, N.M., Rosenhagen, A., Vogt, L., Hofstetter, R., Banzer, W. [Germany]

PP3-04-11
PREVALENCE OF CARDIOVASCULAR DISEASES AMONG MOUNTAINEERS
Faulhaber, M., Flatz, M., Burtscher, M. [Austria]

PP3-04-12
STRUGGLE AGAINST DOPING IN OLYMPIC SPORTS:WAYS OUT OF CRISIS
Platonov, V. [Ukraine]

PP3-04-13
RELATIONSHIP BETWEEN THE PRESENCE OF GENU VARUS AND THE CROSS-SECTIONAL AREA OF LEG MUSCLES
Sogabe, A., Mukai, N., Miyakawa, S., Mesaki, N. [Japan]

PP3-04-14
ASSESSING THE RELATIONSHIP OF OXYGEN DESATURATION AND ISOKINETIC FORCE PRODUCTION USING NIRS
Ziesing, A. 1, Banzer, W. 1, Gibson, M. 2, Vogt, L. 1 [Germany]

PP3-04-15
SINGLE AND/OR REPEATED EXERCISE AND THE AMPHETAMINE-INDUCED RELEASE OF DOPAMINE IN THE STRIATUM
Fontes Ribeiro, C.A., Marques, E., Pereira, F., Simões, A.P., Morgadinho, T., Macedo, T.R. [Portugal]

PP3-04-16
EXERCISE-INDUCED ANGIOGENESIS IS MISSING IN HETEROZYGOUS MNSOD-KNOCKOUT MICE
Brixius, K., Richters, L., Lange, N., Scharffetter-Kochanek, K., Treiber, N., Schwinger, R.H., Ghanem, A., Tiemann K., Bloch, W. [Germany]

PP3-04-17
IDENTIFICATION OF SATELLITE CELLS AND MYONUCLEI
Oka, K., Tayama, T., Morita, S., Takayanagi, S., Sakamoto, M., Muro, M. [Japan]

PP3-04-18
IMMEDIATE EFFECTS OF LASERNEEDLE STIMULATION ON MICROVASCULAR BLOOD FLOW MEASURED BY LASER DOPPLER SPECTROSCOPY
Hübscher, M., Banzer, W., Seib, M., Vogt, L. [Germany]

PP3-04-19
PLASMA HSP72 IN RUNNERS SUFFERING FROM EXERTIONAL HEAT ILLNESS
Ruell, P.A. 1, Thompson, M.W. 1, Hoffman, K.M. 1, Brotherhood, J.R. 1, Richards, D.A. 2 [Australia]

PP3-04-20
MONITORING MUSCLE OXYGENATION KINETICS AFTER EXERCISE-INDUCED MUSCLE SORENESS
Ahmadi, S., Sinclair, P., Foughi, N., Davis, G.M. [Australia]

PP3-04-21
ELECTROMYOGRAPHIC ACTIVITY IN BICEPS BRACHII AFTER ECCENTRIC EXERCISE-INDUCED MUSCLE SORENESS
Ahmadi, S., Sinclair, P., Foughi, N., Davis, G.M. [Australia]

PP3-04-22
INCIDENCE AND DETERMINANTS OF RUNNING INJURIES IN LONG DISTANCE RUNNERS: A SYSTEMATIC REVIEW
Koes, B.W., van Gent, R.N., Siem, D., van Os, A.G., van Middelkoop, M., Bierma-Zeinstra, S.M. [Netherlands]

PP3-04-23
PREVALENCE AND INCIDENCE OF LOWER EXTREMITY INJURIES IN THE ROTTERDAM MARATHON
van Middelkoop, M., Kolkman, J., van Ochten, J., Bierma-Zeinstra, S.M., Koes, B.W. [Netherlands]

PP3-04-24
TRIAL FOR DEVELOPING A NEW INDICATOR FOR PREVENTING OVERUSE KNEE EXTENSOR MECHANISM DISORDERS IN ADOLESCENT ATHLETES USING A TISSUE STIFFNESS METER: RESULTS OF ONE YEAR PROSPECTIVE STUDY
Kinoshita, H., Miyakawa, S., Mukai, N., Kono, I. [Japan]

PP3-04-25
ANTHROPOMETRICAL CHARACTERISTICS OF THE CHILDREN AND ADOLESCENTS SELECTED AT THE HIGH PERFORMANCE COLOMBIAN TENNIS ACADEMY OF BOGOTA
Radut, D.S., Hernandez, A. [Colombia]

PP3-04-26
FOUR YEARS OF UNIVERSAL PREVENTION IN PRIMARY SCHOOLS - EFFECTS ON BMI AND MOTOR ABILITIES IN CHILDHOOD
Graf, C., Koch, B., Dordel, S., Falkowski, G., Staudenmaier, K., Christ, H., Tokarski, W., Predel, H.-G. [Germany]

PP3-04-27
THE STUDY ON PREVALENCE OF MUSCULAR-SKELETON INJURIES IN ROCK CLIMBERS
Ahanjan, S. [Iran]

PP3-04-28
THE EFFECTS OF STRENGTH TRAINING ON MUSCLE MASS IN TYPE 2 DIABETES MELLITUS PATIENTS DETERMINED BY COMPUTER TOMOGRAPHY
Strasser, B., Cauza, E., Metz-Schimmerl, S., Leeb, G., Haber, P. [Austria]

PP3-04-29
LEFT VENTRICULAR FUNCTION AND MORPHOLOGY IN ACTIVE SPORTSMEN. IS ATHLETIC HEART A HEALTHY HEART?
Vujin, B., Benc, D., Srdic, S., Kovac, M., Grujic, N. [Serbia and Montenegro]

PP3-04-30
SUDDEN CARDIAC DEATH AND HYPERTROPHIC CARDIOMYOPATHY IN ATHLETES: IS PREVENTION FEASIBLE?
Vujin, B., Benc, D., Srdic, S., Kovac, M., Grujic, N. [Serbia and Montenegro]

Poster Sessions

PP3-04-31

COURSE AND PREDICTING FACTORS OF LOWER-EXTREMITY INJURIES AFTER RUNNING A MARATHON

van Middelkoop, M., Kolkman, J., van Ochten, J., Bierma-Zeinstra, S.M., Koes, B.W. [Netherlands]

PP3-05 Biomechanics 1-3

CHAIRS:

TIHANYI, T. [HUNGARY]

ARAMPATZIS, A. [GERMANY]

SEGESSER, S. [SWITZERLAND]

PP3-05-1

INFLUENCE OF THE CONTACT TIME ON THE COUPLING TIME AND A SIMPLE METHOD TO MEASURE COUPLING TIME

Zameziati, K.F., Morin, J.B., Deiuri, E., Telonio, A., Belli, A., di Prampero, P.E. [France]

PP3-05-2

CHANGES IN SPRING-MASS CHARACTERISTICS OF THE RUNNER IN FATIGUE CONDITIONS DURING REPEATED SPRINTS

Morin, J.-B., Romeyer, F., Chevallier, B., Jeannin, T., Belli, A. [France]

PP3-05-3

THE EVALUATION OF SIMULATED JUMP USING A FORCE PLATE

Tsunoda, K., Sasaki, T., Hoshino, H., Minouchi, Y., Ono, M. [Japan]

PP3-05-4

AERODYNAMIC BEHAVIOR DURING THE FLIGHT PHASE IN SKI JUMPING

Sasaki, T., Tsunoda, K., Hoshino, H., Minouchi, Y., Ono, M. [Japan]

PP3-05-5

EFFECTS OF AGING ON THE CONTROL ABILITY OF THE ECCENTRIC CONTRACTION IN KNEE BENDING AND STRETCHING EXERCISES

Chihiro, E., Tomoyuki, I., Takeshi, M., Masayuki, K. [Japan]

PP3-05-6

NEUROMUSCULAR BEHAVIOR IN OPEN KINEMATICS CHAIN IN ISOKINETIC AND ISOTONIC METHODS IN SOCCER PLAYERS

Garcia, L., Liotta, G., Argemi, R., Ortega Gallo, P. [Argentina]

PP3-05-7

LEVEL OF JUMPING ABILITY AT GIRLS PRACTISING RHYTHMIC GYMNASTICS

Polishchuk, T., Poliszczuk, D. [Poland]

PP3-05-8

PEAK VERTICAL GROUND REACTION FORCE IN STEP EXERCISE

Machado, M. I., Santos-Rocha, R. 1+2, Veloso, A. 1 [Portugal]

PP3-05-9

THE EFFECTS OF EXTENDED PITCHING ON BALL VELOCITY AND MOTION CHANGES IN BASEBALL PITCHERS

Miyazaki, M., Tsukada, M., Tanaka, S., Tsunoda, N. [Japan]

PP3-05-10

INFLUENCES OF THE BUOYANCY AND THE VISCOUS RESISTANCE ON GAIT PATTERNS DURING THE TREADMILL WALKING IN THE WATER

Miyakawa, T., Onodera, S. [Japan]

PP3-05-11

DISCRIMINANT ANALYSIS OF MORPHOLOGICAL CHARACTERISTICS IN ELITE FEMALE ATHLETES OF THREE TEAM SPORTS

Noutsos, K., Rousanoglou, E., Bolatoglou, T., Bergeles, N., Bayios, I. [Greece]

PP3-05-12

DYNAMIC ASYMMETRY AND DIMORPHISM AT CHILDREN IN AGE 8-13 YEARS

Witkowski, K. 1, Stefaniak, A. 2, Migasiewicz, J.1, Kedzierski, J. 2 [Poland]

PP3-05-13

COMPARATIVE ANALYSIS OF DELPHIN KICKS AT THE UNDERWATER SWIMMING

Zahalka, F., Kuzvard, T. [Czech Republic]

PP3-05-14

THE EFFECT OF FOOT POSITION ON PEDAL SURFACE ON ANKLE, KNEE, AND HIP JOINT MOMENTS FOR TRIATHLETES

Hoshikawa, H., Takahashi, K., Ohashi, K., Tamaki, K. [Japan]

PP3-05-15

THE EFFECTS OF ELEVATED FOREFOOT WALKING SHOES ON POSTURE, GROUND REACTION FORCE AND FOOT-PRESSURE DURING WALKING

Yi, K.-O., Kwon, B., Lee, S., Lim, H., Lee, Y. [Korea, South]

PP3-05-16

COMPARISON BETWEEN TREADMILL AND LEVEL WALKING -FOCUSING ON THE COMPLEXITY OF THE WALKING CYCLE-

Tomoyuki, I., Chihiro, E., Takeshi, M., Sho, O. [Japan]

PP3-05-17

WHY DOES POWER OUTPUT DECREASE AT HIGH PEDALLING RATES DURING SPRINT CYCLING?

Samozino, P., Morin, J.-B., Hintzy, F. [France]

PP3-05-18

A NEW CLINICAL DESIGN MEASURING ROTATION OF THE TIBIA AND SUBTALAR JOINT IN HEALTHY SUBJECTS: A RELIABILITY STUDY

Cimbiz, A., Cavlak, U., Sari, M., Gulbandilar, E., Halleceli, H., Dayioglu, H., Beydemir, F., Akyildiz, D., Aksoy, C., Yurekdele, N. [Turkey]

PP3-05-19

OPTIMAL SLOPE FOR MINIMIZING ENERGY COST OF LOCOMOTION: INDIRECT ASSESSMENT BY HIGH ACCURACY GPS

Terrier, P., Wearing, S., Hills, A., Schutz, Y. [Switzerland]

PP3-05-20

FATIGUE EFFECTS IN GROUND REACTION FORCES DURING LANDING IN MALES AND FEMALES

Kouvelioti, V., Kellis, E. [Greece]

PP3-05-21

A COMPARATIVE KINEMATICS STUDY OF THE KARATE PUNCHING MOVEMENT (CHOKU-ZUKI) PERFORMED WITH TWO DIFFERENT STRATEGIES

Vences Brito, A. 1, Pezarat-Correia, P. 1, Pascoal, A. 2, Fernandes, O. 2 [Portugal]

PP3-05-22

THE VALUES OF SELECTED BIOMECHANICAL PARAMETERS OF SPRINTERS' LOWER LIMBS MUSCLES

Gabrys, T., Staszkiwicz, R., Ozimek, M. [Poland]

PP3-05-23

TRAINING PROCESS INFLUENCE ON STRENGTH AND SPEED ABILITIES OF YOUNG FOOTBALL PLAYERS' MUSCLES

Szmatlan-Gabrys, U., Staszkiwicz, R., Ozimek, M. [Poland]

PP3-05-24

ASSESSING TECHNICAL LEVEL IN THE EXECUTION OF THE OVERARM THROW: IMPLICATIONS FOR THE STUDY OF MOTOR DEVELOPMENT

Marquês-Bruna, P., Lees, A., Scott, M. [United Kingdom]

PP3-05-25

THE INFLUENCE OF UPPER BODY POSITION ON PELVIC AND LIMB KINEMATICS AND LEG MUSCLE RECRUITMENT DURING CYCLING IN NOVICE AND HIGHLY TRAINED CYCLISTS

Chapman, A.R., Vicenzino, B., Blanch, P., Hodges, P.W. [Australia]

PP3-05-26

GEOMETRY OF RUNNING

Romanov, N., Pyanzin, A. [United States]

PP3-05-27

BIOMECHANICS OF PROPHYLACTIC ANKLE TAPING DURING THE FEINTS: ANKLE KINEMATICS BEFORE AND AFTER TRAINING

Meana Riera, M., Alegre Durán, L.M., López Elvira, J.L., Aguado Jódar, X. [Spain]

PP3-05-28

COMPARISON OF THE MUSCLE-TENDON COMPLEX BEHAVIOR IN THE GASTROCNEMIUS DURING DIFFERENT HUMAN VERTICAL JUMPING MOVEMENTS IN VIVO

Fukashiro, S. [Japan]

PP3-05-29

EQUILIBRIUM REGULATION BY ATHLETES' BOOBAN, W., SADOWSKI, J., NIZNIKOWSKI, T., MASTALERZ, A., NIZNIKOWSKA, E. [Poland]

PP3-05-30

BIOMECHANICS ANALYSIS EXECUTION OF DOUBLE BACKWARD STRETCHED SALTO WITH DIFFERENT TOUCHDOWN ELEMENTS

Sadowski, J., Boloban, W., Mastalerz, A., Winowski, W., Niznikowski, T. [Poland]

PP3-06 Psychology 1-3

CHAIRS:

PERRIG, P. [SWITZERLAND]

SEILER, S. [SWITZERLAND]

WYLLEMAN, W. [BELGIUM]

PP3-06-1

THE MOTOR, FUNCTIONAL AND PSYCHOLOGICAL STATUS OF SELECTED JUDOISTS

Bratic, M., Nurkic, M., Mitic, D., Milojevic, A. [Serbia and Montenegro]

PP3-06-2

MOOD MONITORING WITH YOUNG ELITE SOCCER PLAYERS

Steinbacher, A., Kleinert, J. [Germany]

PP3-06-3

PSYCHOLOGICAL PREDICTORS FOR BEHAVIORAL CHANGE - BASELINE VALUES OF READINESS TO CHANGE AND SELF-EFFICACY AS PREDICTORS OF ADHERENCE TO PHYSICAL ACTIVITY AFTER EXERCISE ON PRESCRIPTION

Bredahl, T.G., Roessler, K.K., Ibsen, B., Puggaard, L. [Denmark]

PP3-06-4

FROM BUILDING TO REBUILDING: AN ELITE BODYBUILDERS REFLECTIONS ON CAREER ENDING INJURY

Batey, J., Sparkes, A.C. [United Kingdom]

PP3-06-5

ANALYSIS OF THE TEACHER SELF-EFFICACY OF PHYSICAL EDUCATION INSTRUCTORS

Winterstein, P.J., Venditti Junior, R. [Brazil]

PP3-06-6

PUTTING A TOP-LEVEL ROCK-CLIMBER ON THE PEAK OF HIS MENTAL READINESS FOR A MAJOR COMPETITION

Piratinikskaya, M. [Russia]

PP3-06-7

APPLICATION OF PSYCHODIAGNOSTICS FOR DETERMINATION OF THE MENTAL READINESS OF A ROCK-CLIMBER FOR A MAJOR COMPETITION

Piratinikskaya, M., Piratinikskaya, A. [Russia]

PP3-06-8
ADAPTED PHYSICAL ACTIVITY IN OUTPATIENTS WITH ANOREXIA NERVOSA. PRELIMINARY RESULTS
Tolomio, S., Ferrara, S., Favaro, S., Travain, G., Zaccaria, M. [Italy]

PP3-06-9
INVESTIGATION INTO THE SOCIOECONOMIC STATUS AND PHYSICAL ACTIVITY OF TEENAGERS: A CASE STUDY IN HUNGARY
Soos, I. 1, Hamar, P. 2, Biddle, S. 3, Murdey, I. 3 [United Kingdom]

PP3-06-10
THE POTENTIAL RELATIONSHIP BETWEEN ACHIEVEMENT GOAL ORIENTATIONS AND SPORTS ATTITUDES AMONG PORTUGUESE YOUNG ATHLETES
Gonçalves, C.E., Coelho e Silva, M., Cruz, J. [Portugal]

PP3-06-11
DIAGNOSTICS OF PSYCHOPHYSIOLOGICAL STATES IN HIGHER QUALIFICATIONS ATHLETES
Korobeynikov, G., Rossokha, G., Koniaeva, L., Medvedchuk, K., Kulinich, I. [Ukraine]

PP3-06-12
A SITUATED ANALYSIS OF THE DECISION-MAKING ACTIVITY IN BASKETBALL
Hauw, D., Renault, G. [France]

PP3-06-13
JUDGING BIAS IN AESTHETIC SPORTS: OPEN FEEDBACK LEADS TO NONPERFORMANCE-BASED CONFORMITY
Boen, F., Vanden Auweele, Y., De Geest, A., Feys, J., Claes, E., De Cuyper, B. [Belgium]

PP3-06-14
ANGER RUMINATION AND SELF-REPORTED AGGRESSION AMONGST BRITISH AND HONG KONG CHINESE ATHLETES
Maxwell, J.P. [Hong Kong]

PP3-06-15
MENTAL SELF-REGULATION AND HYPNOSIS IN SPORT
Rogaleva, L., Malkin, V., Piratinskiy, A. [Russia]

PP3-06-16
STRUCTURAL AND PREDICTIVE VALIDITY OF THE BASIC PSYCHOLOGICAL NEEDS IN EXERCISE SCALE APPLIED TO COMMUNITY EXERCISE PROGRAMS
Vlachopoulos, S.P. [Greece]

PP3-06-17
THE RELATIONSHIP BETWEEN COACHES LEADERSHIP STYLE & TEAM COHESION IN IRANIAN SUPER LEAGUE BASKETBALL CLUB
Moradichaleshtori, M., Jafari, A. [Iran]

PP3-06-18
PERFORMANCE EVALUATION OF SELECTED IRANIAN COLLEGIATE SPORT ASSOCIATIONS
Salehi, S., Moradi, M. [Iran]

PP3-06-19
THE RELATIONSHIP BETWEEN COACHES LEADERSHIP STYLE & TEAM COHESION
Moradi, M., Jafari, A., Salehi, S. [Iran]

PP3-06-20
COPING STRATEGIES AS PREDICTORS FOR PSYCHOSOMATIC PATHOLOGY
Wippert, P.-M., Wippert, J. [Germany]

PP3-06-21
A RESEARCH OF THE RUNNING ATHLETES IN COMPETITIONS
Laszlo, Z. [Hungary]

PP3-06-22
PARENTS / ATHLETES RELATIONSHIPS : DIFFERENCES BETWEEN FATHERS AND MOTHERS
Delforge, C., LeScanff, C. [France]

PP3-06-23
DETERMINING THE ROLE OF THE CLUB DEVELOPMENT OFFICERS, COACHES AND PARENTS IN PREPARING THE YOUNG ELITE PLAYER FOR A PROFESSIONAL CAREER IN THE AUSTRALIAN FOOTBALL LEAGUE
Gibson, B. [Australia]

PP3-06-24
THE MOTIVATIONAL PRIORITIES OF PARTICIPATION IN THE ELITE ATHLETICS OF KURDESTAN PROVINCE
Boroujerdi, S.S. [Iran]

PP3-06-25
HIGHER SCHOOL ATHLETES' PERCEPTIONS OF SOCIAL SUPPORT PROVIDED BY THEIR COACH BEFORE INJURY AND AFTER IT
Malinauskas, R. [Lithuania]

PP3-06-26
PSYCHOLOGY HAS A LOT TO OFFER SPORT: THE USE OF HYPNOSIS AND HYPNOTHERAPY IN SPORT
Claasen, M. [South Africa]

PP3-06-27
A STUDY ON GOAL ORIENTATION, PERCEIVED MOTIVATIONAL CLIMATE AND SOURCES OF SPORT CONFIDENCE IN PLAYERS OF JUNIOR VOLLEYBALL CHAMPIONSHIP OF IRAN
Bahram, Y., Poorya, Q. [Iran]

PP3-07 Physical Education and Pedagogics 1-2

CHAIRS:
ALFERMANN, A. [GERMANY]
ROKITA, R. [OTHER]

PP3-07-1
ATHLETES RETENTION OF COACH'S INSTRUCTION IN TYPICAL INSTRUCTIONAL CONTEXT IN SPORT SESSIONS
Rosado, A., Breia, E., Mesquita, I. [Portugal]

PP3-07-2
COACHES' CONCEPTIONS AND VALUES ABOUT YOUTH SPORT COMPETITION. COMPARISON BETWEEN NOVICE INTERMEDIATE AND EXPERIENCED COACHES
Mesquita, I., Graça, A., Pereira, F., Marcelo, C. [Portugal]

PP3-07-3
DIFFERENTIATION OF THE RISK FACTORS IN AGREEMENT WITH THE LEVEL OF PHYSICAL ACTIVITY
Lima, W.A., Glaner, M.F. [Brazil]

PP3-07-4
GENERAL DIRECTIONS OF DEVELOPMENT OF OLYMPIC EDUCATION SYSTEM IN UKRAINE
Bulatova, M., Platonov, V. [Ukraine]

PP3-07-5
DO ALTERNATIVE INSTRUCTIONAL APPROACHES RESULT IN DIFFERENT GAME PERFORMANCE LEARNING OUTCOMES?
Tallir, I., Lenoir, M., Musch, E., Valcke, M. [Belgium]

PP3-07-6
COMPARISON OF THE TEACHING PHYSICAL EDUCATION BY USUAL METHOD AND SPORT EDUCATION METHOD ON COGNITIVE, AFFECTIVE

AND SKILL LEARNING OF BOY AZAD UNIVERSITY STUDENTS
Esmaili, M.R., Majlesy, M. [Iran]

PP3-07-7
EVALUATION AND GRADING IN PHYSICAL EDUCATION AT SCHOOLS
Vass, M., Prisztóka, G., Papp, G., Telek, I. [Hungary]

PP3-07-8
PHYSICAL EDUCATION LESSONS. THE STUDENTS' VIEWS OF BASIC SCHOOL
Pereira, A. [Portugal]

PP3-07-9
SCHOOLS AND FREE-TIME ACTIVITIES. THE STUDENTS' VIEWS OF BASIC SCHOOL
Pereira, A. [Portugal]

PP3-07-10
GENETIC TEACHING OF GAMES - FOR MORE UNDERSTANDING
Loibl, J. [Germany]

PP3-07-11
EFFECTIVENESS OF BOOTOM-UP AND TOP-DOWN INSTRUCTIONAL APPROACHES IN PHYSICAL EDUCATION
Salvara, M. 1, Bognar, J. 2 [Greece]

PP3-07-12
FIRST GRADE SECONDARY SCHOOL STUDENTS' ATTITUDES TOWARDS PHYSICAL CULTURE OBSERVED IN THE YEARS 1995 - 2001
Rokita, A. [Poland]

PP3-07-13
REHABILITATION OF PSYCHO-PHYSIOLOGICAL ABILITIES OF STUDENTS THROUGH SPECIAL PHYSICAL EXERCISES
Prosoedov, N.Y., Andreevich, S.A., Sergeevich, D.A., Vassilievich, P.V. [Russia]

PP3-07-14
PHYSICAL ACTIVITY AND ATTITUDE TOWARDS HEALTH OF SECONDARY SCHOOLS PUPILS
Dudoniene, V., Griniene, E. [Lithuania]

PP3-07-15
PERFORMANCE EVALUATION OF SELECTED IRANIAN COLLEGIATE SPORT ASSOCIATIONS
Salehi Sadati, S.S., Moradichaleshtori, M., Jafari, A. [Iran]

PP3-07-16
ARGUMENTS IN FAVOUR OF DIFFERENTIATED EDUCATION DURING THE PHYSICAL EDUCATION LESSON
Mihailescu, L., Gada, T., Gada, M., Folea, E., Dia, A. [Romania]

PP3-07-17
COMPARISON OF MIDDLE SCHOOL STUDENTS' ATTITUDES TOWARD PHYSICAL EDUCATION WITH REGARD TO GRADE, STUDENT'S GENDER, TEACHER'S GENDER AND SPORT PARTICIPATION
Hunuk, D., Demrhan, G. [Turkey]

PP3-07-18
EXPECTED ACHIEVEMENT IN „GENERIC SKILLS“ THROUGH PHYSICAL ACTIVITY PARTICIPATION OF HONG KONG PRIMARY SCHOOL STUDENTS
Sum, K.W., Hui, S.C. [Hong Kong]

PP3-07-19
TECHNOLOGY OF TEACHING SPORTS TECHNIQUE OF GYMNASTICS EXERCISES
Niznikowski, T., Sadowski, J., Booban, W., Mastalerz, A., Niznikowska, E. [Poland]

PP3-07-20
A STUDY OF PHYSICAL EDUCATION IN THE FIRST AND SECOND GRADES IN ELEMENTARY , SCHOOLS OF IRAN
Ramezani, A., Ghaioomy, M. [Iran]

PP3-07-21
ETHNIC PEDAGOGICAL CONDITIONS OF USE OF GAMES AND COMPETITIONS OF TRADITIONAL PHYSICAL EDUCATION OF NATIVE SMALL PEOPLES OF NORTH (ON EXAMPLE OF KHANTS)
Krasilnikov, V. [Russia]

PP3-08 Nutrition 1/1

CHAIR:
JEUKENDRUP, J. [UNITED KINGDOM]

PP3-08-1
EFFECT OF TOWER CLIMBING EXERCISE & ALPHA LIPOIC ACID ADMINISTRATION
Sanghyun, K., Kijin, K., Hongsoo, K., Yoonjung, S. [Korea, South]

Poster Sessions

PP3-08-2

EFFECTS OF CARNOSINE AND ANSERINE SUPPLEMENTATION ON EXERCISE PERFORMANCE AND INTRACELLULAR PH DYNAMICS DURING ISOMETRIC KNEE EXTENSION EXERCISE
Maemura, H., Suzuki, Y., Takahashi, H., Takahata, Y., Morimatsu, F., Takamatsu, K. [Japan]

PP3-08-3

EFFECT OF BIOLOGICALLY ACTIVE ADDITIVE „PALI-PALI“ ON THE FUNCTIONAL STATUS OF ATHLETES AT PHYSICAL LOAD
Sukhov, S., Kulnazarov, A., Ivanov, A. [Kazakhstan]

PP3-08-4

EVALUATION OF RISKS IN CONSUMPTION BEHAVIOUR IN SPORT SCIENCES STUDENTS
Coquart, J., Mille-Hamard, L., Dehaut, F., Duhamel, A., Garcin, M. [France]

PP3-08-5

COMPARISON OF ANTHROPOMETRIC AND DIETETIC EVALUATION BETWEEN THE MOST EXPERIENCED PLAYERS AND THE NEW PLAYERS OF CAPOEIRA
Soares, E., Costa, L. [Brazil]

PP3-08-6

MONITORING OF NUTRITIONAL STATUS OF OBESE WOMEN SUBMITTED TO THE DIET AND PHYSICAL ACTIVITY INTERVENTIONS
Soares, E.A., Reis, V.C., Barbosa, R.M. [Brazil]

PP3-08-7

THE EFFECT OF SKIPPING A BREAKFAST ON BLOOD GLUCOSE LEVELS AND PERFORMANCE OF SWIMMERS
Soultanakis, H., Giatsiou, V., Afendra, E., Platanou, T. [Greece]

PP3-08-8

SUPPLEMENTATION OF BETA-HYDROXY-BETA-METHYLBUTYRATE REDUCED BODY FAT AND MAINTAINED ANAEROBIC CAPACITY IN FEMALE JUDO ATHLETES DURING ENERGY RESTRICTION
Chang, C.-K. [Taiwan]

PP3-08-9

EVALUATION OF ENERGY BALANCE AND NUTRITIONAL STATUS OF ARTISTIC GYMNASTS
Azevedo, B.A., Melo, C.M., Miyamoto, M.V., Ribeiro, S.M. [Brazil]

PP3-08-10

EFFECTS OF NEGATIVE ENERGY BALANCE FROM INTENSE TRAINING AND FOOD RESTRICTION ON BODY COMPOSITION PARAMETERS AND LEPTIN LEVEL IN FEMALE RATS
Silva, R.J., Santos, Z.A., Gonçalves, P.M., Ribeiro, S.M. [Brazil]

PP3-08-11

RESTING ENERGY EXPENDITURE AND EPOC (EXCESS POS-EXERCISE OXIGEN CONSUMPTION): COMPARISON BETWEEN RESISTANCE EXERCISE TRAINED AND NON-TRAINED INDIVIDUALS
Rocca, S.M., Melo, C.M., Urasaki, R., Ribeiro, S.M. [Brazil]

PP3-08-12

THE USE OF NUTRITIONAL SUPPLEMENTS IN ELITE SPORTS
Striegel, H., Perikles, S., Hansel, J., Niess, A., Ulrich, R. [Germany]

PP3-08-13

DETERMINATION OF METABOLIC TRANSITION BY LACTATE MINIMUM TEST IN PROTEIN MALNOURISHED RATS DURING SWIMMING EXERCISE
de Mello, M.A., Voltarelli, F., Eliete Luciano [Brazil]

PP3-08-14

NUTRITIONAL KNOWLEDGE AND ATTITUDES IN FEMALE COLLEGIATE AEROBICS ATHLETES
Wang, H. [China]

PP3-09 Motor Learning 1/1

CHAIR:

BECK, B. [NETHERLANDS]

PP3-09-1

REDUCED STEREO VISION HAMPERS LEARNING IN ONE-HANDED CATCHING
Mazyn, L.I., Lenoir, M., Montagne, G., Delaey, C., Savelsbergh, G.J. [Belgium]

PP3-09-2

SELF-CONTROLLED PRACTICE OF DECISION-MAKING SKILLS
Bund, A., Memmert, D. [Germany]

PP3-09-3

MOTOR RECOVERY AFTER ACL RECONSTRUCTION: COGNITIVE AND VISUAL CONTROL OF BALANCE
Reininga, I., Lemmink, K., Mulder, T., Diercks, R., Stevens, M. [Netherlands]

PP3-09-4

EXAMINE THE LEARNING CURVE OF COMPLEX MOTOR SKILL
Chen, H.H. [Taiwan]

PP3-09-5

ENHANCING THE USEFUL FIELD OF VISION IN NON-PLAYERS THROUGH A PERCEPTUAL-MOTOR PROGRAM
Matos, R., Godinho, M. [Portugal]

PP3-09-6

ANALYSIS OF VISUAL BEHAVIOR OF KOREAN BADMINTON PLAYERS FOR ENHANCEMENT OF ANTICIPATION ABILITY IN SINGLE'S MATCH
Gu, H.-M., Lee, S.C., Lee, S.M. [Korea, South]

PP3-09-7

CONTRIBUTIONS OF VISION-PROPRIOCEPTION INTERACTION TO THE POSITION ESTIMATES OF A MOVING HAND AND TARGET
Tanaka, H. 1, Worryingham, C. 2, Kerr, G.K. 2 [Japan]

PP3-09-8

CHANGES IN BODY COORDINATION IN CHILDREN FROM AZORES ISLANDS. A 3 YEARS LONGITUDINAL STUDY
Lopes, V.P., Ribeiro Maia, J.A. [Portugal]

PP3-09-9

INVESTIGATION OF FORCE CONTROL IN ADOLESCENT SOCCER PLAYERS
Karsai, I., Soós, I., Téczely, T. [Hungary]

PP3-09-10

SUBTLE MEMORY AND DYNAMIC ATTENTION DURING TWO TASKS OF COGHEALTH PROGRAM OF SCHOOL CHILDREN
Nagata, A., Tajima, T. [Japan]

PP3-10 General I (Physioth./ Rehab./Traumat.) 1-2

CHAIR:

GRUENIG HOPPELER, G. [SWITZERLAND]

PP3-10-1

THE EFFECT OF MASSAGE ON SOME OF FUNCTIONAL INDICATORS OF DELAYED ONSET MUSCLE SORENESS (DOMS)
Moradi, L., Tarverdzadeh, B., Behpour, N. [Iran]

PP3-10-2

THE EFFECT OF TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION (TENS) ON SOME OF FUNCTIONAL INDICATORS OF DELAYED ONSET MUSCLE SORENESS (DOMS)
Moradi, L., Tarverdzadeh, B., Behpour, N. [Iran]

PP3-10-3

MULTI-PURPOSE CYCLE ERGOMETER DEVICE
Netreba, A., Popov, D., Boravik, A., Vinogradova, O. [Russia]

PP3-10-4

LONG-TERM RESULTS OF FITOC (FREIBURG INTERVENTION TRIAL FOR OBESE CHILDREN)
Korsten-Reck, U., Korsten, K., Kromeyer-Hauschild, K., Bjarnason-Wehrens, B., Berg, A. [Germany]

PP3-10-5

MULTIPLE SCLEROSIS AND THERAPEUTIC CLIMBING: AN INTERVENTIONAL LONG TERM PILOT STUDY INDICATES BENEFICIAL EFFECTS
Kern, C. 1, Bühlmeier, K. 1, Käser, T. 1, Banik, B. 1, Eberhardt, U. 1, Kleinert, J. 2, Michna, H. 1 [Germany]

PP3-10-6

EFFECT OF MUSCLE ATROPHY BY FIBER TYPE IN IMMOBILIZED MOUSE SOLEUS MUSCLE
Sakamoto, M., Maehara, A., Kurita, J., Harada, T., Futami, T., Oka, K. [Japan]

PP3-10-7

TIME COURSE OF CHANGES IN MUSCLE PAIN DURING TWO DIFFERENT PHYSICAL TRAINING INTERVENTIONS IN FEMALES WITH TRAPEZIUS MYALGIA
Andersen, L.L., Søgaard, K., Hansen, P.B., Andersen, C., Skovholm, K., Rosendal, L., Sjøgaard, G. [Denmark]

PP3-10-8

ENERGY EXPENDITURE IN YOUTH OBESITY THERAPY: WHICH EXERCISE INTERVENTION BURNS MOST?
Thiel, C., Claußnitzer, G., Vogt, L., Banzer, W. [Germany]

PP3-10-9

IMPROVEMENT IN PHYSICAL FUNCTIONAL ABILITY IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE AFTER COMBINED AEROBIC AND RESISTANCE TRAINING
Pereira, A. 1, Santa-Clara, H. 1, Simões, I. 2, Cabri J. 1, Fernhall, B. [Portugal]

PP3-10-10

EFFICACY OF A SUPERVISED EXERCISE PROGRAMME IN PATIENTS WITH AN ACUTE LATERAL ANKLE SPRAIN: A RANDOMISED CLINICAL TRIAL
Koes, B.W., van Os, A.G., Bierma-Zeinstra, S.M., Kleinrensink, G.J., Bernsen, R.M., Verhaar, J. [Netherlands]

PP3-10-11

THE EFFECTS OF QIGONG GYMNASIAC EXERCISES AND MANUAL MANIPULATION THERAPY ON THE CORRECTION OF BAD POSTURE AND COBB ANGLE OF HIGH SCHOOL GIRLS WITH SCOLIOSIS
Park, G.D., Lee, T.H., Lee, W.J., Ju, S.-B. [Korea, South]

PP3-10-12

A CHANGE IN THE INTRAMUSCULAR OXYGEN HEMODYNAMICS DURING THE JET AQUA MASSAGE IS RECEIVED
Sudo, A., Akasaki, F., Tsunoda, N., Watanabe, T. [Japan]

PP3-10-13

EPIDEMIOLOGY OF ASYMMETRIC SHOULDER AND SCOLIOSIS IN NON-ATHLETE FEMALE UNIVERSITY STAFFS
Kasbparast, M.J., Kohandel, M. [Iran]

PP3-10-14

PHYSICAL FITNESS, FUNCTIONAL ABILITY AND HEALTH RELATED QUALITY OF LIFE IN CHILDREN WITH SEVERE HAEMOPHILIA: A PILOT STUDY
Takken, T., Engelbert, R., van der Net, J., Vos, R., van der Berg, M., Helders, P. [Netherlands]

PP3-11 Biochemistry 1/1

CHAIR:

RATTIGAN, R. [AUSTRALIA]

PP3-11-1
SERUM CONCENTRATIONS OF ADHESION MOLECULES DURING RESISTANCE EXERCISE

Petridou, A. 1, Chatzinikolaou, T. 2, Fatouros, I. 2, Mastorakos, G. 3, Mitrakou, A. 4, Papassotiropoulos, I. 5, Mougios, V. 1 [Greece]

PP3-11-2
EOSINOPHIL TRAFFICKING AND ACTIVATION AFTER DOWNHILL RUNNING

McKune, A. 1, Smith, L. 1, Semple, S. 1, Sibanda, E. 1, Mokethwa, B. 2, Wade, A. 2 [South Africa]

PP3-11-3
NETTLE DIET AND REGULAR EXERCISE INFLUENCE RAT BRAIN LESION AND MEMORY

Stadler, K., Sasvári, M., Jakus, J., Jung, J.K., Chung, Y.H., Nyakas, C., Radák, Z. [Hungary]

PP3-11-4
LIVER OVERLOAD AFTER HALF-IRONMAN TRIATHLON

Bürger-Mendonça, M. [Brazil]

PP3-11-5
EFFECT OF THREE DIFFERENT GRIP POSITIONS ON THE MECHANICAL EFFICIENCY IN HANDBIKING

Abel, T., Lindschulter, R., Thees, B., Strüder, H.K. [Germany]

PP3-11-6
SALIVARY FREE IGF-I AND TOTAL PROTEINS: EFFECTS OF AN ACUTE PHYSICAL EXERCISE ON CYCLISTS

Antonelli, G., Cappellin, E., Spinella, P., Gatti, R., Liviero, C., De Palo, E.F. [Italy]

PP3-11-7
PARTICULARITIES OF ACID-BASE DEEP PICTURE DURING AEROBIC EXERCISE IN AN OLYMPIC CHAMPION GIRL (CASE STUDY)

Talaban, M.-D., Tociu, D., Catanoiu, S., Dafinescu, C. [Romania]

PP3-11-8
EFFECT OF N-ACETYLCYSTEINE ON METABOLISM OF GLUTATHIONE, CELL DAMAGE AND

ERYTHROPOIETIN PRODUCTION IN ATHLETES EXPOSED TO ENDURANCE EXERCISE

Zembron-Lacny, A., Slowinska-Lisowska, M., Witkowski, K., Szygula, Z., Szyzka, K., Stefaniak, T. [Poland]

PP3-11-9
EFFECTS OF REPEATED BOUTS OF SOCCER-SPECIFIC INTERMITTENT EXERCISE ON SALIVARY IGA AND CORTISOL

Sari-Sarraf, V., Reilly, T., Doran, D.A., Atkinson, G. [United Kingdom]

PP3-11-10
TRAINING AND OVERREACHING EFFECTS IN OXIDATIVE, ANTIOXIDANT, OXIDANT STRESS MARKERS AND HSP72

Zoppi, C.C., de Macedo, D.V. [Brazil]

PP3-12 Molecular Biology 1/1

CHAIR:

RADAK, R. [HUNGARY]

PP3-12-1
EXPRESSION OF UBIQUITIN PROTEOLYTIC PATHWAY COMPONENTS IN HUMAN SKELETAL MUSCLE FOLLOWING REPEATED BOUTS OF ECCENTRIC EXERCISE

Vissing, K., Nedergaard, A., Overgaard, K., Schjerling, P. [Denmark]

PP3-12-2
EFFECT OF EXERCISE TRAINING ON ANGIOGENIC GROWTH FACTOR EXPRESSIONS IN THE AGED RAT HEART

Iemitsu, M., Maeda, S., Jesmin, S., Otuski, T., Miyachi, T. [Japan]

PP3-12-3
EFFECTS OF 6 WEEKS INTERVENTION OF DIET AND EXERCISE ON VEGF PROTEIN EXPRESSION OF SKELETAL MUSCLE FIBER TYPES IN DIET-INDUCED OBESE RATS

Changbae, H., Kijin, K., Wookwang, C., Nayoung, A. [Korea, South]

PP3-12-4
THE RELATIONSHIP BETWEEN EPSTEIN-BARR VIRUS REACTIVATION AND UPPER RESPIRATORY

INFECTION DURING INTENSIVE TRAINING AND COMPETITIVE PERIOD

Yamauchi, R., Nakamura, D., Kimura, F., Suzuki, K., Kono, I., Akimoto, T. [Japan]

PP3-12-5
POTENTIAL BIOLOGICAL SIGNIFICANCE OF TRAINING-INDUCED CHANGE OF HSP72 MRNA IN MYOCARDIUM OF RATS

Wei, Y., Chen, P. [China]

PP3-12-6
EFFECTS OF DIFFERENT EXERCISE DURATIONS ON THE EXPRESSION OF HEAT SHOCK PROTEIN 72MRNA IN MYOCARDIUM OF RATS

Wei, Y., Chen, P. [China]

PP3-12-7
THE EFFECT OF ENDURANCE EXERCISE TRAINING ON SKELETAL MUSCLE APOPTOSIS INDUCED BY MITOCHONDRION

Tsung-I, C., Ming-I, C. [Taiwan]

PP3-12-8
INTRAFAMILY PECULIARITIES OF GENETIC PROGNOSIS OF HUMAN SPORTS ENDOWMENTS

Serhiyenko, L., Novak, T. [Ukraine]

PP3-13 Sociology 1/1

CHAIR:

CAPRANICA, C. [ITALY]

PP3-13-1
CICLO LAZER - KNOW YOUR CITY RIDING A BIKE

Stanganelli, P.J., Sawaf, C. [Brazil]

PP3-13-2
CHARACTERISTICS, POSITION AND ORGANISATIONAL FORMATS OF NEIGHBOURHOOD SPORT IN FLEMISH MUNICIPALITIES (BELGIUM)

Theeboom, M., van den Bergh, K. [Belgium]

PP3-13-3
THE CONSTRUCTION OF METHODOLOGICAL ELEMENTS FOR THE IMPLEMENTATION OF TRANSVERSAL ACTIONS IN THE PUBLIC POLICIES FOR SPORTS AND LEISURE AT MUNICIPAL LEVEL

Franco Amaral, S.C., de Almeida Alves, D., Bertazzoli, B.F., de Faria Junior, L.G., Costa, E.T., Mendes, L.O., de Brito Mendez Calderón, B. [Brazil]

PP3-13-4
ASSESSMENT OF THE CURRENT STATUS OF PHYSICAL EDUCATION FOR STAFF MEMBERS (MALE & FEMALE) OF UNIVERSITIES OF MEDICAL SCIENCES

Mirza Rahkoushki, M.H., Koushki, Z. [Iran]

PP3-13-5
A SOCIOLOGICAL STUDY ABOUT THE PROBLEMS OF IRAN ATHLETE ADOLESCENTS

Rezaeipasha, S., Rabishokr, R. [Iran]

PP3-13-6
THE ROLE OF PARENTS AND PEERS IN THE LEISURE ACTIVITIES AND SPORT OF YOUNG ADOLESCENT BOYS

Zarei, A., Chaman Pira, M. [Iran]

PP3-13-7
COMPARISON OF ENGINEERING STUDENTS AND MEDICINE STUDENTS : LEISURE TIME WITH EMPHASIZE ON SPORT IN IRANIAN UNIVERSITIES

Zarei, A., Koushki, M. [Iran]

PP3-14 General II (Ethics, History, Law, Communication, Economics) 1/1

CHAIR:

BOHLKE, B. [UNITED KINGDOM]

PP3-14-1
BODY BUILD CLASSIFICATION AND PROFICIENCY IN COMPETITIONS OF ADOLESCENT FEMALE VOLLEYBALLERS

Stamm, R., Stamm, M. [Estonia]

PP3-14-2
CRITICAL THEORY OF SPORT IN THE PERIPHERY: BRAZILIAN RECEPTION AS A CASE OF MISPLACED IDEAS?

Vaz, A.F., Torri, D. [Brazil]

PP3-14-3
JOINT EFFORT OF MÉDIATERROR AND OLYMPIC BUSINESS ON WRESTLING

Barna, T. [Hungary]

PP3-14-4
THE PHENOMENON OF SPORT AS FONTAL FESTIVITIES

Hogenova, A. [Czech Republic]

PP3-14-5
READINESS OF ENTREPRENEUR IN SPORT: A STUDY IN PHYSICAL EDUCATION STUDENTS

Tojari, F., Khodayari, A., Rezaean, S. [Iran]

Your notes



Lausanne 2006 Congress Partners

Associates

Official Carrier



Exhibitors



Day	Time	LAUSANNE	INNSBRUCK	ST. MORITZ	ALBERTVILLE	BERLIN ABC	OSLO	TURIN ABC	BERLIN DE	TURIN DE	TURIN FG				
Wed, 5 th	16:00	Plenary Session, „Health well-being and exercise“ in room: „Athene“													
	18:00	Opening Ceremony & Reception													
Thursday, July 6 th	08:15	Plenary Session I, „Health well-being and exercise“ in room: „Lausanne“													
	09:40	Gender, mass media and Olympic Sports	Transport related phys. activity & health	Exercise and oxidative stress	Dynamics of skill acquisition	Physiotherapy in sport - facts or myth	Physiology 1/10	General 1/1	Sports Medicine 1/4	Biomechanics 1/4	Psychology 1/5				
	11:10	Coffee Break													
	11:40	Perception and decision making in sports	What is wrong with obesity?	The impact of neuroscience on sports	Theories of participation in sport & exercise	Neuromuscular skeletal muscle & aging	Physiology 2/10	Sociology 1/1	Sports Medicine 2/4	Biomechanics 2/4	Rowing 1/1				
	13:10	Lunch													
	14:15	PP1-01 Physiology 1-9	PP1-02 Train. & Testing 1-7	PP1-03 Health & Fitn. 1-5	PP1-04 Sp. Medicine 1-3	PP1-05 Biomechanics 1-3	PP1-06 Psychology 1-3	PP1-07 P.E. & Pedag. 1-2	PP1-08 Nutrition 1/1	PP1-09 Motor Learning 1/1	PP1-10 General I	PP1-11 Biochemistry 1/1	PP1-12 Molec. Biology 1/1	PP1-13 Sociology 1/1	PP1-14 General II
	15:15	Sudden cardiovascular death & sports (SGSM 1)	VO ₂ Kinetics	Transendothelial transport limitations... (Zaneca)	ICSSPEE moral development in sport	Running biomechanics (Nike)	Physiology 3/10	Training and Testing 1/7	Health and Fitness 1/4	Motor Learning 1/2	Psychology 2/5				
	16:45	Coffee Break													
	17:00	ACL ruptures in children (SGSM 2)	Safety and performance in football (Adidas)	Epithelial-sodium channel in sports	Psychology of sport injuries	Is training of reflexes possible?	Physiology 4/10	Doping 1/1	Health and Fitness 2/4	Ageing 1/1	Psychology 3/5				
20:00	SGSM Event (optional) – Spectacle Barnabé														
Friday, July 7 th	08:15	Plenary Session II, „High-Tech in Sport: „Athene“													
	09:40	People and technology (UBS)	Public health approaches to phy. activity promotion	High altitude medicine EFMS exchange symposia	An Update of Female Athlete Triad (Gatorade)	Testing of athletes - waste or value	Physiology 5/10	Training and Testing 2/7	Nutrition 1/2	Molecular Biology 1/2	Rehab., Physioth. & Traumatology 1/2				
	11:10	Coffee Break													
	11:40	The World Antidoping Code	Physical activity promotion through primary care	High altitude training	Decision making in collective sport	Sport and rehabilitation for feel & control	Physiology 6/10	Training and Testing 3/7	Sports Medicine 3/4	Biochemistry 1/1	Physical Education & Pedagogics 1/2				
	13:10	Lunch													
	14:15	PP201 Physiology 1-9	PP2-02 Train. & Testing 1-7	PP2-03 Health & Fitn. 1-5	PP2-04 Sp. Medicine 1-3	PP2-05 Biomechanics 1-3	PP2-06 Psychology 1-3	PP2-07 P.E. & Pedag. 1-2	PP2-08 Nutrition 1/1	PP2-09 Motor Learning 1/1	PP2-10 General I	PP2-11 Biochemistry 1/1	PP2-12 Molec. Biology 1/1	PP2-13 Sociology 1/1	PP2-14 General II
	15:15	Blood and performance	Nutritional interventions (Lucozade)	Measuring „real“ breath-by-breath gas exchange	Development of interpersonal relations	Eccentric exercise as novel training modality	Physiology 7/10	Training and Testing 4/7	Health and Fitness 3/4	Motor Learning 2/2	Rehab., Physioth. & Traumatology 2/2				
	16:45	Coffee Break													
	17:00	Truth and scientific explanation	Carbohydrate metabolism (Nestle-Nutrition)	Physical activity and the elderly	Delivering psychology services to top level sport	Tendon and ligaments	Physiology 8/10	Training and Testing 5/7	Health and Fitness 4/4	Biomechanics 3/4	Physical Education & Pedagogics 2/2				
20:00	SGSM Event (optional) – Spectacle Barnabé														
Saturday, July 8 th	08:15	Plenary Session III, „Injuries in sport“ in room: „Athene“													
	09:40	Consensus statement on overtraining syndrome	Children and exercise	ACSM symposium: Diabetes	Golf, motor learning and control	Production & transmission in skeletal muscles	Physiology 9/10	Training and Testing 6/7	Molecular Biology 2/2	Biomechanics 4/4	Psychology 4/5				
	11:10	Coffee Break													
	11:40	Medical ethics and sports medicine	Spinal cord injury and physical activity	The exercising brain	JSPFSM exchange symposium	High-Tech in skiing	Physiology 10/10	Training and Testing 7/7	Sports Medicine 4/4	Nutrition 2/2	Psychology 5/5				
	13:10	Lunch													
	14:15	PP3-01 Physiology 1-9	PP3-02 Train. & Testing 1-7	PP3-03 Health & Fitn. 1-5	PP3-04 Sp. Medicine 1-3	PP3-05 Biomechanics 1-3	PP3-06 Psychology 1-3	PP3-07 P.E. & Pedag. 1-2	PP3-08 Nutrition 1/1	PP3-09 Motor Learning 1/1	PP3-10 General I	PP3-11 Biochemistry 1/1	PP3-12 Molec. Biology 1/1	PP3-13 Sociology 1/1	PP3-14 General II
	15:15	Presidential Address													
16:45	Coffee Break														
17:00	Young Investigators Awards														
18:30	Closing Ceremony & Reception														



11th Annual Congress of the European College of Sport Science – Lausanne – Switzerland, July 5th-8th, 2006

Programme Overview

 Plenary Sessions (PLS)	 Oral Presentations (OP)
 Invited symposia (IS)	 Poster Presentations (PP)
 Breaks	 Social events