

# 8<sup>th</sup> INTERNATIONAL SCIENTIFIC CONFERENCE ON KINESIOLOGY

- *20<sup>th</sup> Anniversary* -

## Final Programme

Organiser:  
University of Zagreb, Faculty of Kinesiology, Croatia

Under the patronage of:  
Croatian Academy of Sciences and Arts, Croatia

Opatija, Croatia, May 10 - 14, 2017

## General Information

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### VENUE

**Remisens Premium Hotel Ambassador**, Feliksa Peršića 5, 51410 Opatija, Croatia

<http://www.remisens.com/en/hotel-ambasador>

### REGISTRATION

All participants, including speakers who are presenting papers in the Scientific Programme, should register at the Registration desk at hotel “Ambassador” upon the arrival.

The Registration desk will be opened throughout the Conference from 8:30 – 20:00.

Registered participants are entitled to the following:

- Attend all Scientific Sessions
- Receive all official Conference materials
- Attend the Social Programme
- Coffee breaks during the Conference.

### BADGE

All participants, accompanying persons and exhibitors are kindly requested to wear badges during the days of the Congress.

### COFFEE BREAKS

Coffee will be served on the lowest floor by the pool besides poster session area.

### INTERNET ACCESS

Free Internet access will be available throughout the Congress in the whole hotel area.

Congress staff members are available to answer questions about the Congress programme, the location of lecture halls, rooms, breaks etc.

### CURRENCY

The official currency in Croatia is Kuna (Kn).

One EURO is equal to approximately 7,6 kn.

### ORAL PRESENTATIONS

All presenters are kindly asked to submit their presentations to the Technical Staff, located in the Speakers Room, not later than 30 minutes before the session beginning.

All presenters according to the Scientific Programme should be available at the lecture hall 15 minutes before the beginning of the session. Session chairpersons are kindly requested to be available in their respective lecture room at least 15 minutes before the beginning of their sessions, for the purpose of checking the facilities with the responsible technician and to finalize any arrangements with the speakers.

## General Information

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### **SPEAKERS READY ROOM**

Power point presentations can be checked and previewed in the Speakers ready Room.

Speakers Ready Room is located on -1 floor and will be opened from 8.30 till 10.00 a.m. and from 6.00 till 8.00 p.m. every congress day.

### **CELL PHONES**

Cell phones must be in silent mode in lecture rooms at all times.

### **POSTER SESSIONS**

Every congress day (Thursday, Friday and Saturday) there is a special time slot for debated poster presentations: The authors are requested to be available at their posters during the respective time slot. The authors will be asked to give a short overview (2 min) on the topic of the poster.

The posters will be exhibited at -2 floor (by the pool). The poster number will be assigned on the top of the poster board. The posters should be put in the morning (8:00) of the day of the presentation and taken down in the evening (not later than 21:00). Drawing pins, adhesive tape etc. will be available at the poster exhibition and assistants to the poster exhibition will be there to assist you.

Any poster not removed by scheduled time will be discarded.

### **SOCIAL PROGRAMME**

#### **Wednesday, May 10, 2017**

Congress Hall

#### **18.00 – Opening Ceremony**

Pool area

#### **19.45 – Opening Reception**

#### **Friday, May 12, 2017**

Hotel „Ambasador“ main restaurant

21.00 Gala dinner

#### **Sunday, May 14, 2017**

Congress Hall

#### **12.00 Closing Ceremony**



## SCIENTIFIC PROGRAMME

TIME	WEDNESDAY, May 10, 2017
10:00 ONWARDS	ARRIVAL AND REGISTRATION
18:00	OPENING CEREMONY – CONGRESS HALL
18:30-19:00	OPENING INVITED LECTURES RODNEY K. DISHMAN Exercise Behaviour from Culture to Genes
19:00-19:30	ZEEVI DVIR 1967-2017 - 50 Years of Isokinetics: Evolution, Key Achievements and Major Challenges
19:45	OPENING RECEPTION

TIME	THURSDAY, May 11, 2017		
8:00	POSTER HANGING – DISPLAY LOCATIONS: A, B, C, D, E		
9:00-10:30	PLENARY SESSION INVITED LECTURES – CONGRESS HALL		
	MARK DE STE CROIX (TOP LEVEL SPORT) Kids Will be Kids: Can we Reduce Injury Risk in Youth Sport?		
	GONG BIN SHAN (BIOMECHANICS AND MOTOR CONTROL) Biomechanical Know-how of Fascinating Soccer-Kicking Skills		
	ANITA HOECKELMANN (KINESIOLOGICAL RECREATION) Movement and Brain		
10:30-11:00	COFFEE BREAK		
11:00-12:30	PARALLEL SESSIONS:		
	CONGRESS HALL TOP LEVEL SPORT Key note: BI ZHONGCHUN	HALL 1 BIOMECHANICS AND MOTOR CONTROL	HALL 2 KINESIOLOGICAL RECREATION Key note: LENKA SVOBODOVÁ
12:30-13:00	BREAK		
13:00-14:00	POSTER PRESENTATIONS – GROUND FLOOR (-2)		
	A: KINESIOLOGY OF TOP LEVEL SPORT, B: BIOMECHANICS AND MOTOR CONTROL, C: KINESIOLOGICAL RECREATION, D: ADAPTED PHYSICAL ACTIVITY AND KINESITHERAPY, E: KINESIOLOGY AND SOCIAL SCIENCES		
14:00-15:00	BREAK		
15:00-16:30	CONFERENCE DOCTORAL SCHOOL – CONGRESS HALL		
	LEIGH ROBINSON (MANAGEMENT OF SPORT) The Value of Funding Elite Sport		
	MARK DE STE CROIX (TOP LEVEL SPORT) To Screen or Not to Screen? A Novel Approach to Injury Screening		

TIME	THURSDAY, May 11, 2017		
16:30-18:00	PLENARY SESSION INVITED LECTURES – CONGRESS HALL		
	NEJC ŠARABON (ADAPTED PHYSICAL ACTIVITY) Impairment and train-ability of postural stability and related functions in elderly		
	LEIGH ROBINSON (MANAGEMENT OF SPORT) The challenges facing sport in the next decade		
	MARC LOCHBAUM (KINESIOLOGY AND SOCIAL SCIENCES) Understanding the Meaningfulness and Potential Impact of Sports Psychology on Performance		
18:00-18:15	COFFEE BREAK		
18:15-19:45	PARALLEL SESSIONS:		
	CONGRESS HALL ADAPTED PHYSICAL ACTIVITY AND KINESITHERAPY	HALL 1 KINESIOLOGY AND SOCIAL SCIENCES	HALL 2 MANAGEMENT OF SPORT
20:00	POSTER DISPLAY DISSEMBLING		

## PARALLEL SESSIONS, ORAL PRESENTATIONS, THURSDAY, May 11, 2017, 11:00-12:30

Time	CONGRESS HALL TOP LEVEL SPORT	HALL 1 BIOMECHANICS AND MOTOR CONTROL	HALL 2 KINESIOLOGICAL RECREATION
	Chair persons: Bi Zhongchun, Dragan Milanović, Dario Škegro	Chair persons: Vladimir Medved, Pavle Mikulić, Saša Vuk	Chair persons: Mirna Andrijašević, Donald Roberson, Danijel Jurakić
11:00-11:10	Key note lecture: <b>Bi Zhongchun</b> RESEARCHES INTO STUDENTS BASKETBALL DEVELOPMENT HISTORY AND STATUS QUO IN CHINA	<b>Zrinka Potočanac</b> BILATERALLY ASYNCHRONOUS ONLINE CONTROL OF BALANCE RECOVERY	Key note lecture: <b>Lenka Svobodová</b> DANCE CONTRIBUTION TO IMPROVING PHYSICAL ACTIVITY AND HEALTH
11:10-11:20		<b>Danilo Bondi</b> ANALYSIS OF A GENDER AND SIDE-DEPENDENT KINEMATIC STRATEGY TO ADAPT HUMAN GAIT AT DIFFERENT VELOCITIES IN HEALTHY YOUNG PEOPLE	
11:20-11:30	<b>Safet Kapo, Nedim Čović, Ivor Doder, Husnija Kajmović, Nusret Smajlović, Izet Rado</b> MUSCLE PEAK FORCE OUTPUT EFFECTED BY DIFFERENT WARMUP PROCEDURES IN COMBAT SPORTS ATHLETES	<b>Igor Gruić</b> PEDOBAROGRAPHIC ASSESSMENT OF MALE HANDBALL PLAYERS' GAIT	<b>Vesna Babić, Donald Roberson</b> PHYSICAL ACTIVITY AND HEALTHY AGING
11:30-11:40	<b>Husnija Kajmović, Izet Rado, Safet Kapo, Nusret Smajlović, Amel Mekić</b> COMPARISON OF PERFORMANCE OF TOP-LEVEL FEMALE JUDO COMPETITORS FROM DIFFERENT LEVELS OF JUDO COMPETITION	<b>Mirco Floreani, Paolo Taboga, Stefano Lazzer</b> ARE ENERGY COST, MECHANICAL WORK AND EFFICIENCY OF WALKING INFLUENCED BY A 14 DAYS PERIOD OF BED REST AND THE FOLLOWING PHYSICAL TRAINING?	
11:40-11:50	<b>Luka Milanović, Lovro Štefan, Aleksandar Selmanović</b> DIFFERENCES AMONG MALE AND FEMALE TOP LEVEL BASKETBALL TEAMS IN COMPETITION EFFICIENCY PARAMETERS	<b>Ondřej Mikeska, Martin Zvonař, Martin Sebera, Pavel Turčinek</b> ASSESSMENT OF GROUND REACTION FORCE OF PREGNANT WOMEN DURING WALKING	<b>Romana Caput – Jogunica, Sanja Čurković, Vesna Alikalčić</b> WEIGHT CONTROL BEHAVIORS AMONG CROATIAN UNIVERSITY STUDENTS
11:50-12:00	<b>Tomislav Uzelac – Šćiran</b> INDICATORS OF SITUATIONAL EFFICIENCY OF PPD ZAGREB AND MVM VESZPREM HANDBALL PLAYERS IN REGULAR 2015. / 2016. SEHA LEAGUE SEASON	<b>Krešimir Šoš, Filip Bolčević, Vladimir Medved</b> EXERCISES BASED ON NEUROPLASTICITY PRINCIPLES INCREASE MOBILITY IN ELITE SENIOR FOOTBALL PLAYERS	<b>Sanja Čurković, Mirna Andrijašević, Mislav Papec</b> PHYSICAL EXERCISE AND EMPLOYEE STRESS MANAGEMENT
12:00-12:10	<b>Tomas Vencurik, Jiri Nykodým</b> SELECTED FACTORS INFLUENCING THE SUCCESSFULNESS OF SHOOTING IN WOMEN'S BASKETBALL	<b>Tariq Ali Gujar, Anita Hökelmann</b> THE EFFECT OF AGING ON STRATEGY OF STATIC POSTURAL CONTROL AND NEURAL PROCESSING	<b>Armin Paravlić, Uroš Marušić, Mitja Geržević, Felicit Urzi, Marina Dobnik, Rado Pišot, Boštjan Šimunič</b> THE EFFECTS OF DIFFERENT EXERCISE—BASED INTERVENTIONS ON FUNCTIONAL FITNESS IN OLDER ADULTS
12:10-12:20	<b>Alan Franjković, Bojan Matković</b> EFFECTS OF GAME-RELATED STATISTICAL PARAMETERS ON FINAL OUTCOME IN NATIONAL HOCKEY LEAGUE (NHL)	<b>Marcel Partie, Susann Weichelt, Anita Hökelmann</b> FALL ANALYSIS FOR AN ACTIVE BRAKING SYSTEM IN A NEW SPORT AND DANCE ROLLATOR	<b>Tomáš Vespalec, Petr Scholz, Jana Stará</b> GARDENING AS THE OPTIONAL PHYSICAL ACTIVITY FOR SENIORS
12:20-12:30	<b>Lucija Milčić, Kamenka Živčić Marković, Dan Lanc</b> INFLUENCE OF DISMOUNTS FROM BALANCE BEAM ON DIFFICULTY VALUE OF ROUTINE IN SENIOR CATEGORY ON EUROPEAN CHAMPIONSHIP IN BERN 2016.	<b>Marijo Baković, Isik Bayraktar, Murat Cilli</b> COMPARISON OF APPROACH RUN-UP VARIABLES BETWEEN MALE LONG AND TRIPLE JUMPERS RELATED TO THE AGE GROUPS	



## POSTER PRESENTATIONS, GROUND FLOOR -2, THURSDAY, May 11, 2017, 13:00-14:00

### A: KINESIOLOGY OF TOP LEVEL SPORT (Chair persons: Dragan Milanović, Dinko Vuleta, Sanja Šalaj), THURSDAY, May 11, 2017, 13:00-14:00

A1	<b>Klaudija Bubalo, Katarina Ohnjec</b> DIFFERENCES IN ATTACK SITUATIONAL ACTIVITY INDICATORS BETWEEN TEAMS IN CROATIAN HANDBALL WOMAN LEAGUE
A2	<b>Zbigniew Borysiuk</b> MOVEMENT PATTERNS IN FENCING DEPENDING ON STIMULI TYPES – CASE STUDY
A3	<b>Ruta Dadelienė, Ricardas Nekrišius, Egidijus Bakciunas</b> ELITE KAYAK ROWERS' (1000 M) BODY ADAPTATION INDICES DURING COMPETITIVE MESOCYCLE IN ALTITUDE TRAINING
A4	<b>Mikuláš Hank, Tomáš Malý, František Zahálka, David Novotný, David Bujnovský, Michal Dragijský</b> DIRECTIONS OF THE MOVEMENT IN ELITE INDOOR FEMALE VOLLEYBALL
A5	<b>Jana Ižovská, Tomáš Malý, František Zahálka</b> THE RELATIONSHIP BETWEEN ISOKINETIC STRENGTH IMBALANCES AND KICK SKILLS IN YOUNG ELITE CZECH SOCCER TEAM
A6	<b>Romeo Jozak, Ivan Kvesić, Dario Bašić</b> ANALYSIS OF BALL CLEARANCE IN THE FIRST CROATIAN FOOTBALL LEAGUE
A7	<b>Goran Leko, Dajana Karaula, Klara Šiljeg</b> ENDURANCE – SPEED CONFLICT IN SWIMMING
A8	<b>Sanja Ljubičić, Ljubomir Antekolović, Vedran Dukarić</b> THE ANALYSIS OF THE OLYMPIC RESULTS OF ATHLETES IN MEN'S LONG JUMP
A9	<b>Aleksandar Selmanović, Luka Milanović, Mate Brekalo</b> ANALYSIS OF BALL CONVERSION IN EUROPEAN AND AMERICAN PROFESSIONAL BASKETBALL GAMES
A10	<b>Kazys Milašius, Rūta Dadelienė</b> CHANGE OF FEMALE DOUBLE SCULL ROWERS' PHYSICAL AND FUNCTIONAL CAPACITY IN THEIR PREPARATION FOR 2016 OLYMPIC GAMES
A11	<b>Paweł Fryderyk Nowak</b> HEALTH OR RIVALRY - WHAT MOTIVATES TO TAKE PART IN RUNNING EVENTS FROM POLAND AND CZECH REPUBLIC
A12	<b>Indrek Rannama, Kirsti Pedak, Kristjan Port</b> THE EFFECTS OF KNEE EXTENSOR AND FLEXOR STRENGTH AND ASYMMETRY ON SPRINT CYCLING PERFORMANCE OF COMPETITIVE ROAD CYCLISTS
A13	<b>Tomica Rešetar, Nenad Marelić, Ljubomir Antekolović</b> ANALYSIS OF PERFORMANCE INDICATORS IN WINNING TEAMS OF DIFFERENT AGE GROUPS OF TOP LEVEL FEMALE VOLLEYBALL PLAYERS
A14	<b>Nenad Rogulj, Nikola Foretić, Miodrag Spasić, Ante Burger, Marijana Čavala</b> METRICAL CHARACTERISTICS OF NEWLY CONSTRUCTED TESTS FOR ASSESSING SPECIFIC MOTOR ABILITIES IN HANDBALL GOALKEEPERS
A15	<b>Dragan Milanović, Dinko Vuleta, Tonči Jerak</b> COMPETITION PERFORMANCE OF ELITE MALE AND FEMALE HANDBALL TEAMS: FEATURES AND DIFFERENCES
A16	<b>Domagoj Šimunović, Danijela Gudelj – Šimunović, Iva Borović, Damir Knjaz, Tomislav Rupčić</b> ANTHROPOLOGICAL ANALYSIS OF THE CROATIAN U16 BASKETBALL MEN'S NATIONAL TEAM – A COMPARATIVE ANALYSIS OF TWO GENERATIONS
A17	<b>Dario Škegro, Zrinko Čustonja, Daniel Bok</b> DIFFERENCES AMONG COACHES IN PLANNING AND PROGRAMING ACCORDING TO EDUCATION LEVEL
A18	<b>Marijan Tomašić, Marijana Čavala, Ratko Katić</b> DIFFERENCES IN MORPHOLOGICAL CHARACTERISTICS AND SPECIFIC MOTOR ABILITIES IN MALE BASEBALL CADET PLAYERS
A19	<b>Dinko Vuleta, Nenad Rogulj, Dragan Milanović</b> DIFFERENCES BETWEEN WINNING AND DEFEATED HANDBALL TEAMS IN COMPETITION PERFORMANCE INDICATORS
A20	<b>Robert Zekić</b> ANALYSIS OF SITUATIONAL EFFECTIVENESS OF WINNING AND LOSING TEAMS AT THE 2014 VOLLEYBALL WORLD CHAMPIONSHIP
A21	<b>Piotr Zmijewski, Patrycja Lipińska, Anna Mróz, Anna Czajkowska, Krzysztof Mazurek</b> STATIC STRETCHING WARM-UP DOES NOT PROVIDE ANY ADDED BENEFIT TO DYNAMIC STRETCHING IN REPEATED SPRINT ABILITY IN FEMALE HANDBALL PLAYERS

**B: BIOMECHANICS AND MOTOR CONTROL (Chair persons: Vladimir Medved, Pavle Mikulić, Saša Vuk), THURSDAY, May 11, 2017, 13:00-14:00**

B1	<b>Elvir Kazazović, Ensar Abazović, Erol Kovačević, Josipa Nakić</b> THE EFFECTS OF EQUAL VOLUME ISOTONIC AND ISOKINETIC KNEE EXTENSORS TRAINING ON STRENGTH GAINS
B2	<b>Yoonhee Chang, Bora Jeong, Sungjae Kang, Jeicheong Ryu</b> BIOMECHANICAL ANALYSIS ON THE EFFECT OF THE KNEE BRACE OF PATELLA SUPPORT DURING A SINGLE LEG HOP
B3	<b>Alexander Bolotin, Vladislav Bakayev, Natalya Orlova, Alexander Kozulko</b> PECULIARITIES OF TIME STRUCTURE AND OF BIOMECHANICAL ORGANIZATION OF A CONSTRUCTION OF MOTOR ACTIONS IN THE HAMMER THROW
B4	<b>Gyoosuk Kim, Hyuk-Jae Choi, Jeicheong Ryu, Chang-Yong Ko</b> COMPARISON OF METHODS TO CALCULATE CONTINUOUS RELATIVE PHASE BETWEEN JOINTS DURING GAIT; PORTRAIT METHOD AND ANALYTIC SIGNAL METHOD
B5	<b>Bora Jeong, Chang Yong Ko, Yoon Hee Chang, Gyu Seok Kim</b> GAIT ANALYSIS OF TRANS-FEMORAL AMPUTEES DURING UPSLOPE AND DOWNSLOPE WALKING
B6	<b>Ya-Chen Liu, Pao-Hung Chung, Yu-Ju Chuang, Chuan-Shou Chen</b> CHANGES OF GAIT PATTERN IN THE ELDERLY WITH COMPRESSION GARMENT
B7	<b>Chiao-Ting Cheng, Chiang Liu</b> EFFECTS OF CURING TIME OF LACROSSE BALL ON HARDNESS
B8	<b>Ivan Šerbetar, Zdravko Petanjek, Predrag Zarevski</b> NEURAL CORRELATES OF THE MOTOR SKILLS: A SHORT REVIEW
B9	<b>Denis Semenov, Vyacheslav Shlyakhtov, Aleksander Rumyantsev, Artyom Mom</b> KINEMATIC ANALYSIS OF "UNDERSWING" ACTION ON HIGH BAR AND PARALLEL BARS AS METHOD OF SKILLS TRAINING PROGRESSION ESTABLISHMENT
B10	<b>Samo Rauter, Krzysztof Maćkala, Janez Vodičar, Milan Žvan, Jožef Šimenko, Milan Čoh</b> COMPARISON OF YOUNG SOCCER PLAYERS AND PHYSICAL EDUCATION STUDENTS AMONG THE SELECTED PRE-PLANNED AND NON-PLANNED AGILITY TEST

**C: KINESIOLOGICAL RECREATION (Chair persons: Mirna Andrijašević, Donald Roberson, Danijel Jurakić), THURSDAY, May 11, 2017, 13:00-14:00**

C1	<b>Marko Čule, Ivan Milinović, Evica Obadić</b> STUDENTS' ATTITUDES TOWARDS SPORTS AND RECREATIONAL ACTIVITIES IN SPARE TIME
C2	<b>Dragomir Gabrić, Branimir Blajić</b> PILOT STUDY OF KNOWLEDGE AND SKILLS OF MANAGERS IN KINESIOLOGICAL RECREATION
C3	<b>Danijel Jurakić</b> "QUIET EYE" TRAINING IN AMATEUR GOLFERS: REVIEW
C4	<b>Darinka Korovljev, Tatjana Trivić, Radenko Matić, Damjan Jakšić, Maja Batez, Goran Vašić, Patrik Drid</b> A SIX-MONTH PROGRAM OF COMBINED TRAINING ENHANCES AEROBIC CAPACITY IN MIDDLE-AGED WOMEN
C5	<b>Jasminka Tomčić</b> DIFFERENCES OF STATIC STRENGTH ENDURANCE OF THE LATERAL SIDES OF THE CORE AMONG WOMEN PARTICIPATING IN DIFFERENT GROUP RECREATIONAL PROGRAMS
C6	<b>Maja Vukelja, Luka Blažević, Sanja Šalaj</b> CORRELATION BETWEEN PARENTS' AND PRESCHOOL CHILDREN'S PHYSICAL ACTIVITY IN CAPITAL OF CROATIA
C7	<b>Slavica Žeger, Mislav Papec, Mirna Andrijašević</b> HEALTH STATUS AND QUALITY OF LIFE ASSESSMENT AMONG CORPORATE EMPLOYEES, THE BENEFICIARIES OF KINESIOLOGY RECREATION PROGRAMS WITHIN THE WORKPLACE
C8	<b>Andrea Žiger, Dražen Harasin, Petra Vučić</b> DIFFERENCE IN WATER LOSS BETWEEN INDIVIDUALS OF DIFFERENT PHYSICAL CONSTITUTION AND BODY MASS DURING PROLONGED PHYSICAL EXERTION

**D: ADAPTED PHYSICAL ACTIVITY AND KINESITHERAPY (Chair Persons: Dubravka Ciliga, Lidija Petrinović, Tatjana Trošt Bobić), THURSDAY, May 11, 2017, 13:00-14:00**

D1	<b>Ana Vuljanić, Dragana Tišma, Srna Jenko Miholić</b> SPORTS-ANAMNESIS PROFILE OF DEAF ELITE ATHLETES IN CROATIA
D2	<b>Rūtenis Paulauskas, Rasa Paulauskiene</b> DEVELOPMENT OF REPEATED SPRINT ABILITY IN LITHUANIAN DEAF BASKETBALL PLAYERS
D3	<b>Robert Vysoký, Ladislav Baťalík, Filip Dosbaba, Svatopluk Nehyba, Václav Chaloupka</b> CARDIAC REHABILITATION TRAINING PROGRAM FOR INDIVIDUALS AFTER AORTIC VALVE REPLACEMENT
D4	<b>Gordana Grozdek Čovčić, Iris Zavoreo, Mirjana Telebuh</b> EFFECTS OF NEUROFACILITATION TREATMENT ON ABILITY TO WALK IN INDIVIDUALS WITH AFTER STROKE HEMIPARESIS
D5	<b>Tomislav Đurković, Maja Ban, Nenad Marelić</b> ASYMMETRY IN FUNCTIONAL MOVEMENTS IN CROATIAN WOMEN'S PREMIER LEAGUE VOLLEYBALL PLAYERS
D6	<b>Mohammed Saci, Mohammed Zerf, Moulay Idriss Mokkedes, Ali Bengoua</b> EFFECTIVENESS OF ABDOMINAL CIRCUMFERENCE ON BODY FROM INJURY POSTURE/BALANCE CONTROL AMONG SOCCER PLAYERS UNDER 21 YR.
D7	<b>Martina Fudurić, Neven Gladović, Goran Bobić</b> THE EFFECT OF UNILATERAL TRAINING ON BILATERAL DEFICIT
D8	<b>Lidija Petrinović, Tatjana Trošt Bobić, Goran Bobić</b> KNEE INJURIES AND OVERUSE SYNDROMES IN EUROPEAN ELITE BADMINTON PLAYERS IS THERE A LINK BETWEEN INJURY AND TRAINING HOURS?
D9	<b>Tatjana Trošt Bobić, Tomislav Đurković, Zvonimir Bodrožić</b> LOW BACK PAIN IN FEMALE VOLLEYBALL PLAYERS OF THE FIRST CROATIAN NATIONAL LEAGUE
D10	<b>Alen Marošević, Lidija Petrinović, Dubravka Ciliga</b> DIFFERENCES IN CERTAIN MOTOR ABILITIES BETWEEN CROATIAN AND GERMAN PUPILS WITH INTELLECTUAL DISABILITIES

**E: KINESIOLOGY AND SOCIAL SCIENCES (Chair persons: Ksenija Bosnar, Sunčica Bartoluci, Zrinko Čustonja), THURSDAY, May 11, 2017, 13:00-14:00**

E1	<b>Aleš Sekot</b> SOCIOLOGICAL ASPECTS OF ACTIVE MODES OF TRANSPORT
E2	<b>Milena Strachová, Aleš Sekot</b> SPORTS ETHICS VS. FAIR PLAY
E3	<b>Dominik Bokůvka, Karel Večeřa, Hana Válková, Zora Svobodová</b> A LIFE STORY OF A PROFESSIONAL FOOTBALL PLAYER AT THE END OF HIS CAREER
E4	<b>Lidija Marković, Višnja Đorđić, Tatjana Tubić</b> PHYSICAL ACTIVITY OF SERBIAN URBAN AND RURAL ADOLESCENT GIRLS
E5	<b>Saša Pišot, Armin Paravlić</b> WHAT MAKES THEM ACTIVE? THE DETERMINANTS OF PHYSICAL ACTIVITY LEVEL OF OLDER ADULTS
E6	<b>Michal Vit, Zdenko Reguli</b> FEAR OF CRIME AND VICTIMIZATION AMONG THE ELDERLY PARTICIPATING IN THE SELF-DEFENCE COURSE
E7	<b>Danijela Živković, Danica Pirs, Nebojša Radelović</b> SPORTS STUDENTS CRITICAL THINKING AND STRATEGIC LEARNING COMPETENCES
E8	<b>Abdul Waheed Mughal, Irfan Sheraz, Mohammad Safdar Ali, Tariq Ali Gujar</b> THE PSYCHOLOGY AND SPORTS PROFILES OF YOUNG PLAYERS IN URBAN AND RURAL AREAS OF PAKISTAN

E9	<b>Mia Masnjak</b> GENDER DIFFERENCES IN SOCIAL EMOTIONAL DEVELOPMENT AND PHYSICAL ACTIVITY LEVEL IN PRESCHOOL CHILDREN
E10	<b>Kristijan Slačanac, Hrvoje Karninčić, Mario Baić</b> GOAL ORIENTATION AND WEIGHT CYCLING IN WRESTLING
E11	<b>Donatas Gražulis</b> EXPRESSION OF VALUES IN LITHUANIAN YOUNG FOOTBALL PLAYERS
E12	<b>Hrvoje Karninčić, Gordan Drašinac, Goran Kardum</b> ENGAGEMENT IN SPORTS ACTIVITY AS AN IMPORTANT FACTOR AMONG SPORTS ACTIVITY, RELIGIOSITY AND ALCOHOL CONSUMPTION
E13	<b>Tomonori Tatsumi</b> CONSTRUCTING THE ATHLETIC INJURY SOCIAL SUPPORT SCALE
E14	<b>Miroslav Hrženjak, Boris Balent, Tamara Cvijanović, Marijan Jozić</b> CONSTRUCTION AND VALIDATION OF SCALE FOR EVALUATING COACHING COMPETENCE
E15	<b>Nika Jukić, Anamarija Križan</b> CORRELATION BETWEEN MEDALS WON IN KARATE WORLD CHAMPIONSHIPS, GDP AND THE NUMBER OF POPULATION
E16	<b>Nikola Starčević, Rebeka Prosoli, Mario Baić</b> ASSESSMENT OF TRAIT ANXIETY LEVELS ON ELITE JUNIOR AND U23 CROATIAN WRESTLERS
E17	<b>Miroljub Ivanović, Uglješa Ivanović</b> GENDER DIFFERENCES DURING ADOLESCENCE IN THE MOTIVES FOR PHYSICAL EXERCISE, DEPRESSION, ANXIETY AND STRESS
E18	<b>Nikola Prlenda, Goran Oreb, Vjekoslav Cigrovski</b> IS IT POSSIBLE TO AFFECT ATTITUDE TOWARDS SAILING THROUGH THE SAILING SCHOOL?

## PARALLEL SESSIONS, ORAL PRESENTATIONS, THURSDAY, May 11, 2017, 18:15-19:45

Time	CONGRESS HALL ADAPTED PHYSICAL ACTIVITY AND KINESITHERAPY	HALL 1 KINESIOLOGY AND SOCIAL SCIENCES	HALL 2 MANAGEMENT OF SPORT
	Chair Persons: Nejc Šarabon, Dubravka Čiliga, Tatjana Trošt Bobić	Chair Persons: Mark Lochbaum, Renata Barić, Sunčica Bartoluci	Chair Persons: Leigh Robinson, Sanela Škorić, Marko Perić
18:15-18:25	Matej Ipavec, Tina Grapar Žargi, Jure Jelenc, Alan Kacin COMPARISON OF TWO DIFFERENT PNEUMATIC CUFF DESIGNS FOR RESTRICTING MUSCLE PERFUSION AT REST AND DURING ISOMETRIC MUSCLE CONTRACTION	Zrinko Čustonja, Dario Škegro FRANJO BUČAR IN THE CROATIAN SPORTS HISTORIOGRAPHY	Jana Nová, Milena Strachová ASSESSING THE IMPACT OF EUROPEAN UNION FUNDING FOR SPORT FACILITIES AT LOCAL LEVEL
18:25-18:35	Muhammed Emin Kafkas, Armağan Kafkas, Bekir Durmus, Mahmut Acak THE EFFECTS OF KINESIO TAPING ON LATERAL EPICONDYLE PAIN AND HANDGRIP MUSCLE STRENGTH DURING TENNIS TOURNAMENT	Petr Scholz BEHAVIOR OF CZECH FOOTBALL SUPPORTERS: THE CASE OF SK SLAVIA PRAGUE	Evica Obadić, Marko Čule, Ivana Kerner, Branimir Blaić FINANCING OF RECREATIONAL SPORTS PROGRAMMES FROM THE STATE BUDGET OF THE REPUBLIC OF CROATIA
18:35-18:45	Marta Gimunová, Hana Válková, Iva Hrnčířiková, Martin Zvonař PREVALENCE OF PODIATRIC CONDITIONS IN SPECIAL OLYMPICS ATHLETES: THE CZECH REPUBLIC WINTER GAMES FIT FEET SCREENING	Sunčica Bartoluci, Marita Ukić CROATIAN BASKETBALL AS A FRAMEWORK FOR UNDERSTANDING NATIONAL IDENTITY IN THE 1990s	Michal Jilka, Jiri Novotny, Sylva Hrebickova BARRIERS OF ENTRY FOR YOUNG SPORT ATHLETES INTO ORGANIZED PROCESS IN SELECTED SPORTS
18:45-18:55	Zora Svobodová, Alexandra Malá, Alena Pokorná, Radka Střešíková, Renáta Vychodilová, Miloslava Urbanovská THE POSSIBILITIES OF MOVEMENT THERAPY WITH ONCOLOGICAL PATIENTS	Kenneth Swalgin THE ATHLETIC RATING SYSTEM FOR ATHLETES IN GAMES, SPORT, AND CONTESTS: A THEORETICAL MODEL TO QUANTIFY FIVE COMMON FACTORS IN SPORT	Sanela Škorić, Besim Aliti, Luka Leško DISTRIBUTION OF WORKFORCE THROUGH PROJECT LIFE CYCLES AND ANALYSIS OF THE SATISFACTION WITH THE ORGANISATION
18:55-19:05	Elmarie Terblanche, Bradley Fryer THE EFFECT OF LIGHT EXERCISE ON THE CEREBRAL HAEMODYNAMICS AND COGNITIVE PERFORMANCE OF INDIVIDUALS AFFECTED BY A STROKE	Erkut Konter RESILIENCE OF ADOLESCENTS IN RELATION TO LEVEL OF SPORT COURAGE AND SELECTED DEMOGRAPHIC, PHYSICAL HEALTH, FAMILIAL, EDUCATIONAL AND SPORT VARIABLES	Darija Omrčen, Sanela Škorić THE IMPORTANCE OF KNOWLEDGE OF FOREIGN LANGUAGES IN SPORT MANAGEMENT
19:05-19:15	Jana Sklenaříková, Lenka Svobodová, Pavlína Vaculíková, Alena Skotáková, Roman Grmela SENIOR FITNESS TEST BEFORE INTENSIVE DANCE-EXERCISE INTERVENTION FOR HEALTHY SENIORS AND PATIENTS WITH MILD COGNITIVE IMPAIRMENT	Željka Vidić, Mark St. Martin, Richard Oxhandler MINDFULNESS AS A MEANS TO ENHANCING WELL-BEING AND PERFORMANCE	Tajana Meglaj USE AND FREQUENCY OF CONTRASTIVE DISCOURSE MARKERS: ANALYSIS OF SCIENTIFIC PAPERS ON SPORTS MANAGEMENT
19:15-19:25		Ausra Lisinskiene, Audronius Vilkas CONCEPTUAL MODEL OF EDUCATIONAL PARENT-ATHLETE INTERACTION IN SPORT	Marko Perić, Jelena Đurkin THE PROFILE AND MOTIVATIONS OF ACTIVE SPORT TOURISTS – AN INVESTIGATION OF TRAIL RUNNING, SPORT FISHING AND CYCLING EVENTS
19:25-19:35		Renata Barić IT IS EASIER TO BE A HUNTER THAN TO BE HUNTED: PSYCHOLOGICAL PREPARATION OF SILVER OLYMPIC WATERPOLO TEAM	Ivan Novak, Edita Vujasinović SPORTS TOURISM AND TEXTILE INDUSTRY
19:35-19:45		Rebeka Prosoli, Renata Barić, Martina Jurković WHY? A QUESTION BEHIND EVERY OUTCOME FINALLY ANSWERED	

TIME	FRIDAY, May 12, 2017	
8:00	POSTER HANGING – DISPLAY LOCATIONS: F, G, H	
8:50-10:30	PLENARY SESSION - HEALTH KINESIOLOGY-PHYSICAL ACTIVITY AND CHRONIC DISEASES – CONGRESS HALL	
	INTRODUCTION AND OPENING	
	KATARINA TOMLJENOVIĆ BORER How does exercise support dietary approaches to weight loss and better health	
	GORAN MARKOVIĆ Physical Activity and Musculoskeletal Health	
	DRAGAN PRIMORAC Mesenchymal Stem Cell-Based Therapy for Cartilage Repair	
10:30 – 11:00	COFFEE BREAK	
11:00-12:50	CONGRESS HALL	HALL 1
	SATELLITE SYMPOSIA: HEALTH KINESIOLOGY – PHYSICAL ACTIVITY AND CHRONIC DISEASES	SATELLITE SYMPOSIA: NEW TECHNOLOGIES IN PHYSICAL EDUCATION
12:50-13:00	BREAK	
13:00-14:00	POSTER PRESENTATIONS – GROUND FLOOR (-2)	
	F: BIOLOGY AND MEDICINE OF SPORT AND EXERCISE, G: NEW TECHNOLOGIES IN PHYSICAL EDUCATION – FIEP, H: SCIENCE IN DANCE	
14:00-15:00	BREAK	
15:00-16:30	HEALTH KINESIOLOGY (AND DOCTORAL SCHOOL) – CONGRESS HALL	HALL 2
	NEJC ŠARABON (ADAPTED PHYSICAL ACTIVITY AND KINESITHERAPY) Objective Evaluation of Trunk Neuromuscular Functions - an Overview of Methodological and Clinical Study	PHYSICAL ACTIVITY AND DENTAL HEALTH WORKSHOP Making, Advantages and Usage of Multilayered Individual Mouthguards Davor Illeš and Maja Pavić (TILL 17:00)
	KATARINA T. BORER (BIOLOGY AND MEDICINE OF SPORT AND EXERCISE) How to Maintain Ideal Weight and Fitness: Exercise? Diet? or Combination of the Two	
16:30-17:00	COFFEE BREAK	
17:00-18:15	HALL 1	HALL 3
	SATELLITE SYMPOSIA: HEALTH KINESIOLOGY – PHYSICAL ACTIVITY AND CHRONIC DISEASES	SATELLITE SYMPOSIA: SCIENCE IN DANCE
20:00	POSTER DISPLAY DISSEMBLING	
21:00	GALA DINNER	

## PARALEL SESSIONS, ORAL PRESENTATIONS, FRIDAY, May 12, 2017, 11:00-12:30

Time	HALL 1 SATELLITE SYMPOSIA: NEW TECHNOLOGIES IN PHYSICAL EDUCATION Chair persons: Branislav Antala, Govindasamy Balasekaran, Dario Novak	CONGRESS HALL SATELLITE SYMPOSIA: HEALTH KINESIOLOGY – PHYSICAL ACTIVITY AND CHRONIC DISEASES
11:00-11:10	<b>Lubor Tománek, Branislav Antala, Iveta Cihová</b> PHYSICAL EDUCATION AND NEW TECHNOLOGIES IN OPINIONS OF PUPILS AND PRIMARY SCHOOLS TEACHERS	<b>Joao Breda</b> ACHIEVING THE WHO GLOBAL PHYSICAL ACTIVITY TARGET IN EUROPE: CHALLENGES AND OPPORTUNITIES
11:10-11:20		
11:20-11:30	<b>Salvatore Napolitano, Antonio Ascione</b> THE USE OF MOTOR IMAGERY IN PHYSICAL EDUCATION AND SPORT	
11:30-11:40	<b>Wai-Keung Kevin Kam, Alberto Cruz</b> PE TEACHER'S PERCEPTION ON STEM INTEGRATION IN CURRENT HONG KONG PE CURRICULUM	<b>Marko Stojanović, Sergej Ostojić</b> STRENGTH IS MEDICINE IN ELDERLY POPULATION: AN UPDATE
11:40-11:50	<b>Arunas Emeljanovas</b> THE RELATIONSHIP AMONG MOTOR COMPETENCE, PHYSICAL ACTIVITY AND BODY COMPOSITION IN THE FIRST GRADE STUDENTS	
11:50-12:00	<b>Hrvoje Podnar, Dario Novak</b> EFFECTS OF A FIVE-MINUTE CLASSROOM-BASED PHYSICAL ACTIVITY ON ON-TASK BEHAVIOR AND PHYSICAL ACTIVITY LEVELS	
12:00-12:10		<b>Rodney K. Dishman</b> EXERCISE IS MEDICINE FOR DEPRESSION
12:10-12:20		
12:20-12:30		
12:30-12:40		<b>Gordan Lauc</b> IGG GLYCOSYLATION - THE BEST BIOMARKER OF BIOLOGICAL AGE
12:40-12:50		

## POSTER PRESENTATIONS, GROUND FLOOR, FRIDAY 12/05/17, 13:00-14:00

## F: BIOLOGY AND MEDICINE OF SPORT AND EXERCISE (Chair persons: Branka R. Matković, Lana Ružić), FRIDAY, May 12, 2017, 13:00-14:00

F1	<b>Valentina Gineviciene, Audrone Jakaitiene, Kazys Milasius, Linas Tubelis, Algirdas Utkus</b> RELATIONSHIPS BETWEEN ACE, AGT, AGTR1, MB GENOTYPES AND PHYSICAL PERFORMANCE PHENOTYPE IN LITHUANIAN ELITE ATHLETES
F2	<b>Vatroslav Horvat, Marijana Hraski, Joško Sindik</b> THE SECULAR CHANGES IN ANTHROPOMETRIC MEASURES OF PRESCHOOL GIRLS IN THE PERIOD FROM 1998 - 2013
F3	<b>Dalibor Kiseljak</b> CYCLING IN THE FUNCTION OF PHYSICAL ACTIVITY THROUGH ACTIVE COMMUTING
F4	<b>Pavle Mikulić, Jozo Grgić</b> MUSCULAR STRENGTH AND POWER, BUT NOT MUSCULAR ENDURANCE, ACUTELY ENHANCED AFTER CAFFEINE INGESTION IN RESISTANCE-TRAINED MEN

F5	<b>Snježana Schuster, Iva Šklempe Kokić, Vesna Elvedi Gasparović, Dea Ajduković</b> A MULTIDISCIPLINARY APPROACH TO SEXUAL DYSFUNCTION IN FEMALE ATHLETES
F6	<b>Oliver Kosović, Mladen Marinović</b> PREVALENCE OF OVERUSE INJURIES AMONG A GROUP OF CROATIAN ROWERS
F7	<b>Mladen Marinović, Oliver Kosović</b> STROKE RATES AS A MEASURE OF TRAINING LOAD IN YOUNG ROWERS
F8	<b>Matea Sedlaček, Lana Ružić</b> HEMATOLOGICAL OXYGEN TRANSPORT BENEFITS OF AEROBIC PHYSICAL ACTIVITY AT ALTITUDES 1250-2000M
F9	<b>Damir Knjaz, Goran Vrgoč, Saša Janković, Iva Brkić</b> CAN AN ATHLETE'S GENES INFLUENCE ACL INJURY?
F10	<b>Kathrin Rehfeld, Anita Hökelmann, Patrick Müller, Ann-Kathrin Noll, Notger Müller</b> COGNITIVE RESERVE – INVESTIGATIONS OF PHYSICAL EXERCISE AND COGNITIVE PERFORMANCE THROUGHOUT THE LIFESPAN
F11	<b>Douglas Doyle-Baker, Rosie Neil, Patricia K. Doyle-Baker</b> ANAEROBIC THRESHOLD IMPROVEMENT IN A 75-YEAR-OLD CYCLIST: A CASE STUDY
F12	<b>Goran Sporiš, Milovan Bratić, Saša Pantelić, Zoran Milanović, Ljubomir Pavlović, Petar Djekić, Nenad Stojiljković</b> APPLICATION OF INFRARED THERMOGRAPHY IN BASKETBALL
F13	<b>Antonela Devrnja, Branka R. Matković, Kenneth L. Swalgin</b> THE EFFECTS OF A SOCCER MATCH ON INDICATORS OF MUSCLE DAMAGE AND INFLAMMATION
F14	<b>Jadranka Plavšić, Tamara Gavrilović, Aleksandar Stamenković, Nikola Pejović, Nataša Kozar</b> DIFFERENCES IN ANTHROPOMETRIC PARAMETERS OF LEFT AND RIGHT BODY SIDE IN ATHLETES WHO PRACTICE KARATE AND JUDO
F15	<b>Yi Wang, Xian Guo, Minhao Xie</b> 50% TO 60% VO2MAX RUNNING ON DECREASING CARDIOVASCULAR RISK DURING EXERCISE IN MIDDLE-AGED MEN

**G: NEW TECHNOLOGIES IN PHYSICAL EDUCATION - FIEP (Chair persons: Branislav Antala, Govindasamy Balasekaran, Dario Novak), FRIDAY, May 12, 2017, 13:00-14:00**

G1	<b>Vladislav Bakayev, Alexander Bolotin</b> PEDAGOGICAL MODEL OF CHILDREN SWIMMING TRAINING WITH THE USE OF METHOD OF SUBSTITUTION OF HYDROGENOUS LOCOMOTION
G2	<b>Eva Valkounová</b> DETERMINING THE LEVEL OF DIAGNOSTIC COMPETENCE IN UNDERGRADUATE PHYSICAL EDUCATION TEACHERS
G3	<b>Gabriela Luptáková, Branislav Antala, Ludmila Zapletalová</b> REVIEW OF A RESEARCH ON GAME-BASED APPROACHES IN SLOVAKIA
G4	<b>Sanja Šalaj, Bartol Benko, Danijela Gudelj Šimunović</b> INFLUENCE OF HOME ENVIRONMENT SIZE ON MOTOR PROFICIENCY OF PRESCHOOL CHILDREN

**H: SCIENCE IN DANCE (Chair persons: Mats Nilsson, Goran Oreb, Jadranka Vlašić), FRIDAY, May 12, 2017, 13:00-14:00**

H1	<b>Tamara Despot, Maja Horvatin – Fučkar, Jadranka Vlašić</b> ANALYSIS OF ADJUDICATORS' OBJECTIVITY AT A DANCESPORT COMPETITION IN LATIN DANCES
H2	<b>Sanja Mandarić, Vojin Jovančević</b> RELATION BETWEEN SEX AND AESTHETIC ASSESSMENT OF DANCESPORT



## PARALLEL SESSIONS, ORAL PRESENTATIONS, FRIDAY, May 12, 2017, 17:00-18:15

Time	HALL 3 SATELLITE SYMPOSIA: SCIENCE IN DANCE Chair persons: Mats Nilsson, Goran Oreb, Jadranka Vlašić	CONGRESS HALL SATELLITE SYMPOSIA: HEALTH KINESIOLOGY – PHYSICAL ACTIVITY AND CHRONIC DISEASES
17:00-17:10	Iva Hrnčirková, Kateřina Kapounková, Marta Gimunová EVALUATION OF THE NUTRITIONAL STATUS OF YOUNG ELITE DANCERS BY ANTHROPOMETRIC MEASUREMENTS	Maroje Sorić PHYSICAL ACTIVITY AND HIGH BLOOD PRESSURE: SILENCING THE SILENT KILLER
17:10-17:20	Ivana Katarinčić DANCE AS MOVEMENT AND OBJECT OF RESEARCH	
17:20-17:30	Mandy Knoll LONG-TERM EFFECTS OF DANCING ON BRAIN STRUCTURE AND FUNCTION IN THE ELDERLY	Iva Pejnović Frelenc PROMOTION OF PHYSICAL ACTIVITY FOR HEALTH: HEALTH SECTOR AS PIECE OF A PUZZLE
17:30-17:40	Adriana Ljubojević, Snežana Bijelić, Lejla Šebić, Nikolina Gerdijan EFFECT OF PROPRIOCEPTIVE TRAINING ON DANCE SPORT PERFORMANCE	
17:40-17:50	Iva Niemčić FROM TRAINEES TO PROFESSIONAL DANCERS – THE CASE OF THE CROATIAN NATIONAL FOLK DANCE ENSEMBLE LADO	Slaven Krtalić NATIONAL PROGRAM "LIVING HEALTHY": REGULAR PHYSICAL ACTIVITY IN SERVICE OF HEALTH PROMOTION
17:50-18:00	Marija Rakovac, Dubravka Sajković, Bruno Lazinica INJURY OCCURRENCE IN THE CROATIAN NATIONAL BALLET - A PRELIMINARY RETROSPECTIVE STUDY	
18:00-18:10	Velibor Srdić, Osmo Bajrić CHRONOLOGICAL DIFFERENCES IN ACQUISITION OF DANCE STRUCTURES' ELEMENTS EVALUATED BY COMPETENT JUDGES	Dražen Šebetić ATHLETES' SUDDEN DEATH PREVENTION - SUDDEN DEATH SCREENING (SDS)™, AUTOMATIZED PROTOCOL (SPONSORED LECTURE)
18:10-18:20	Jadranka Vlašić, Goran Oreb, Damir Vučić BASIC MOTOR ABILITIES AND DANCING EFFICIENCY OF THE FEMALE STUDENTS AT FACULTY OF KINESIOLOGY IN ZAGREB	
18:20-18:30	Petra Zaletel, Andrej Rebula, Meta Zagorc PHYSICAL LOAD AND ENERGY EXPENDITURE IN RECREATIONAL DANCE: SWING, ZUMBA AND SOCIAL DANCE	

TIME	SATURDAY, May 13, 2017		
8:00	POSTER HANGING - DISPLAY LOCATIONS: I, J, K, L		
9:00-10:30	PLENARY SESSION INVITED LECTURES – CONGRESS HALL		HALL 1 PHYSICAL ACTIVITY AND DENTAL HEALTH
	RUTENIS PALAUSKAS Development of Repeated sprint ability in Lithuanian Deaf Basketball Players		The opening and the special word of the guest Breda Joao
	BRAD SCHOENFELD (PHYSICAL CONDITIONING) Manipulating Resistance Training Variables for Maximal Muscle Growth		LUC MARKS Challenges in Special Care Dentistry
	GOVINDASAMY BALASEKARAN (NEW TECHNOLOGIES IN PHYSICAL EDUCATION) Physical Education and Applying New Technologies for School & Sport Organizations		HRVOJE JURIĆ Urgent procedures and treatment of sport dental injuries
10:30-11:00	COFFEE BREAK		
11:00-12:30	PARALLEL SESSIONS:		
	CONGRESS HALL BIOLOGY AND MEDICINE OF SPORT AND EXERCISE - HEALTH KINESIOLOGY	HALL 2 PHYSICAL CONDITIONING	HALL 1 HEALTH KINESIOLOGY: PHYSICAL ACTIVITY AND DENTAL HEALTH
			DARKO MACAN, JOSIP BIOČIĆ Surgical treatment of dentoalveolar trauma
			IVANA ČUKOVIĆ-BAGIĆ Dental Erosion Caused by High Energy Drinks
			IVA ALAJBEG Temporomandibular Joint Injuries in Sports
12:30-13:00	BREAK		
13:00-14:00	POSTER PRESENTATIONS – GROUND FLOOR (-1)		
	I: PHYSICAL CONDITIONING, J: RESEARCH METHODOLOGY, K: PHYSICAL EDUCATION, L: PHYSICAL ACTIVITY AND DENTAL HEALTH		
14:00-15:00	BREAK		
15:00-16:30	CONFERENCE DOCTORAL SCHOOL – CONGRESS HALL		HALL 1 PHYSICAL ACTIVITY AND DENTAL HEALTH
	WILL HOPKINS The Best Design for your Study		DAVOR ILLEŠ Effects of Mouthguards on Athletes Performance
	BRAD SCHOENFELD Muscular Adaptations Across the Strength/Endurance Continuum: Is There an Optimal Hypertrophy Rep Range?	IVAN ALAJBEG Oral health in elite athletes	
		IRENA BAGARIĆ Prevention of occupational diseases of the dental profession by compulsory physical education subject	

TIME	SATURDAY, May 13, 2017		
16:30-18:00	PLENARY SESSION INVITED LECTURES – CONGRESS HALL		
	MATS NILSON (SCIENCE IN DANCE) Dance – continuity in change		
	JAVIER FERNANDEZ RIO (PHYSICAL EDUCATION) Quality Physical Education through Models-Based Practice		
	WILL HOPKINS (RESEARCH METHODOLOGY) The Best Design for your Study		
18:00-18:15	COFFEE BREAK		
18:15-19:45	PARALLEL SESSIONS:		
	CONGRESS HALL PHYSICAL EDUCATION	HALL 1 RESEARCH METHODOLOGY	
20:00	POSTER DISPLAY DISSEMBLING		

## PARALLEL SESSIONS, ORAL PRESENTATIONS, SATURDAY, May 13, 2017, 11:00-12:30

Time	CONGRESS HALL BIOLOGY AND MEDICINE OF SPORT AND EXERCISE - HEALTH KINESIOLOGY	HALL 2 PHYSICAL CONDITIONING
	Chair persons: Marjeta Mišigoj-Duraković, Katarina Tomljenovic Borer, Anita Hoeckelmann	Chair persons: Brad Schoenfeld, Cvita Gregov, Luka Milanović
11:00-11:10	Patricia K. Doyle-Baker, Leanne Mclean FEMALE ATHLETE TRIAD- PROBABLE BUT DIFFICULT TO CONFIRM IN ELITE FEMALE ICE HOCKEY PLAYERS	Damir Zubac, Boštjan Šimunič SKELETAL MUSCLE CONTRACTION TIME AND TONE DECREASE AFTER 8 WEEKS OF PLYOMETRIC TRAINING
11:10-11:20	Miloš Đorđević, Anita Höckelmann, Notger Müller NEUROANATOMICAL AND FUNCTIONAL CHANGES IN RESPONSE TO ONE MONTH OF INTENSIVE BALANCE TRAINING	Ivan Struhár, Michal Kumstát VARIATION IN PRESSURE APPLIED BY COMPRESSION CALF SLEEVES DOES NOT INFLUENCE IMMEDIATE POST EXERCISE RECOVERY
11:20-11:30	Lenka Dovrtělová, Pavel Stejskal, Tereza Mrkvicová, Kateřina Kapounková, Alexandra Malá, Iva Tomášková INFLUENCE OF PHYSICAL ACTIVITY ON SELECTED PHYSIOLOGICAL VARIABLES IN A PATIENT AFTER BONE MARROW TRANSPLANTATION – A CASE STUDY	Zuzana Hlavoňová, Jan Cacek, Pavel Vacenovský, Tomáš Kalina THE EFFECT OF THE IMMEDIATE APPLICATION OF DIFFERENT KINDS OF STRETCHING ON VERTICAL JUMP IN THE ATHLETES – JUMPERS
11:30-11:40	Saša Janković, Goran Vrgoč, Bojan Bukva, Iva Brkić CORRELATION BETWEEN HYPERMOBILITY SCORE AND INJURY RATE IN ARTISTIC GYMNASTICS PLAYERS	Saša Vuk, Neven Čorak EFFECTS OF STRENGTH TRAINING ON VERTICAL JUMP PERFORMANCE IN VERY OLD PEOPLE
11:40-11:50	Michal Kumstát, Tomáš Hlinský, Ivan Struhár EFFECT OF SODIUM BICARBONATE AND SODIUM CITRATE SUPPLEMENTATION ON SWIMMING PERFORMANCE	Vlatka Wertheimer, Dajana Karaula THE EFFECTS OF PLYOMETRIC TRAINING FOLLOWED BY TRAINING CESSATION ON MOTOR PERFORMANCE
11:50-12:00	Xinwen Cui, Yiming Zhang, Zan Wang, Lana Ružić AUTOPHAGY IN MUSCLES AND EXERCISE CAPACITY OF MIDDLE AGED RATS FOLLOWING DIFFERENT AEROBIC EXERCISE PROTOCOLS	Davor Šentija, Vlatko Vučetić, Stipo Dajaković CAN AN INCREMENTAL KETTLEBELL SWINGING TEST BE USED TO ASSESS AEROBIC CAPACITY?

## PARALLEL SESSIONS, ORAL PRESENTATIONS, SATURDAY, May 13, 2017, 11:00-12:30

12:00-12:10	<b>Maroje Sorić, Damir Zubac, Antonela Devrnja, Zvonimir Šatalić, Zrinka Greblo, Danijel Jurakić, Marjeta Mišigoj-Duraković</b> CORRELATES OF PHYSICAL INACTIVITY IN CROATIAN ADOLESCENTS: THE CRO-PALS STUDY	<b>Marijan Jozić, Miroslav Zečić</b> DIFFERENCES IN MORPHOLOGICAL CHARACTERISTICS BETWEEN MEMBERS OF INTERVENTION AND SPECIAL POLICE
12:10-12:20	<b>Bernhard Grässler, Anita Hökelmann</b> SHORT-TERM HEART RATE VARIABILITY OF ELDERLY PEOPLE	<b>Marko Matušinskij, Viktor Novačić, Ivan Krakan</b> CHANGES IN THE 30 – 15 INTERMITTENT FITNESS TEST AFTER FOUR WEEK OF HIGH INTENSITY INTERVAL TRAINING
12:20-12:30	<b>Boštjan Šimunič, Grega Krničar, Armin Paravlić</b> VALIDATION OF TENSIO MYOGRAPHY FOR SARCOPENIA CLASSIFICATION	

## POSTER PRESENTATIONS, GROUND FLOOR, SATURDAY, May 13, 2017, 13:00-14:00

## I: PHYSICAL CONDITIONING (Chair persons: Daniel Bok, Vlatka Wertheimer), SATURDAY, May 13, 2017, 13:00-14:00

11	<b>Boris Bazanov, Indrek Rannama</b> THE MAIN PATTERNS AND ASSOCIATIVE RULES RELATED BETWEEN PLAYERS FUNCTIONAL LOAD INDICATORS, TEAMWORK INTENSITY AND EFFICIENCY IN JUNIOR MALE BASKETBALL
12	<b>Denis Čaušević, Alen Čirić, Nedim Čović, Šemso Ormanović</b> SELECTION OF CADET BASKETBALL PLAYERS BY POSITION IN THE GAME ACCORDING TO THE FUNCTIONAL MOVEMENT SCREENING TESTS
13	<b>Cvita Gregov</b> ALLOMETRIC SCALING FOR RELATIVE STRENGTH TESTS IN CROATIAN ARMY RECRUITS
14	<b>Maja Horvatin-Fučkar, Gordana Furjan-Mandić, Josipa Radaš</b> DIFFERENCES BETWEEN TEN GENERATIONS OF FEMALE STUDENTS OF FACULTY OF KINESIOLOGY ON BURPEE30 TEST
15	<b>Jana Juříková, Jolana Honsová</b> ANTHROPOMETRIC PARAMETERS AND CARE OF THEIR NUTRITION OF CZECH ARMY AIR FORCE PILOTS AND CZECH CIVIL PILOTS
16	<b>Maja Kazazić, Ekrem Čolakhodžić, Adnan Vele, Aida Vele</b> CHANGES IN BIOCHEMICAL BLOOD PARAMETERS IN ONE PRE-SEASON TRAINING UNIT
17	<b>Ivan Krakan, Marko Matušinskij, Marin Dadić</b> RELATIONSHIP BETWEEN SPRINT RUNNING PERFORMANCE AND GROUND CONTACT TIME IN JUMPING TEST IN YOUTH SOCCER PLAYERS
18	<b>Josipa Nakić, Erol Kovačević, Ensar Abazović</b> OCCUPATIONAL KINESIOLOGY - MANUAL HANDLING
19	<b>Dušan Nikolić, Miodrag Kocić, Dragana Berić, Stevan Stamenković, Marina Veličković</b> THE EFFECTS OF PLYOMETRIC TRAINING ON THE MOTOR SKILLS OF BASKETBALL PLAYERS
110	<b>Emilija Petković</b> AGE – GROUP DIFFERENCES OF YOUNG SERBIAN GYMNASTS IN CERTAIN TESTS OF STRENGTH
111	<b>Raminta Sakalauskaitė, Eglė Kemerytė-Riaubienė, Nijolė Jaščaninienė</b> THE RELATIONSHIP BETWEEN FOOT ARCH AND PHYSICAL FITNESS AMONG YOUNG TRIATHLETES
112	<b>Branimir Šola, Marin Mandarić, Matilda Šola, Goran Kontić</b> FACTORIAL VALIDITY OF UPPER BODY POWER TESTS
113	<b>Yang Wang, Jiaqun Yang, Yan Bing</b> THE EFFECT OF UNILATERAL OR BILATERAL STRENGTH TRAINING ON THE BILATERAL LIMB RATIO IN COLLEGE STUDENTS

**J: RESEARCH METHODOLOGY (Chair persons: Zoran Milanović, Ksenija Bosnar, Rado Pišot), SATURDAY, May 13, 2017, 13:00-14:00**

J1	<b>Zrinka Aladrovic, Zvonimir Tomac, Tihomir Vidranski</b> COMPARISON OF ANTHROPOMETRIC CHARACTERISTICS OF CHILDREN FROM SLAVONIAN REGION WITH WHO STANDARDS
J2	<b>Loris Benassi, Ksenija Bosnar</b> THE DEVELOPMENT OF THE GENERAL KNOWLEDGE OF SPORT SCALE
J3	<b>Hyeonseok Cho, Bora Jeong, Jeicheong Ryu</b> AMPUTEE GAIT SYMMETRY ANALYSIS WITH ANKLE HEIGHT W.R.T. SHANK ORIENTATION DURING STANCE PHASE
J4	<b>Fahri Safa Çınarlı, Armağan Kafkas, Muhammed Emin Kafkas</b> RELATIONSHIPS BETWEEN LEG MUSCLE FIBER TYPE DISTRIBUTION AND MOTORIC PERFORMANCES
J5	<b>Matea Donlić, Tomislav Petković, Stanislav Peharec, Fiona Berryman, Tomislav Pribanić</b> ON THE SEGMENTATION OF SCANNED 3D HUMAN BODY MODELS
J6	<b>Gordana Furjan-Mandić, Darko Katović, Snježana Bijelić, Josipa Radaš</b> AN ANALYSIS OF THE JUDGING CRITERIA IN RHYTHMIC GYMNASTICS
J7	<b>Dražen Harasin</b> BOW AND DRILL METHOD (OF FIRE IGNITION) - THE INFLUENCE OF MOISTURE CONTENT IN THE WOOD FROM WHICH MADE BASE AND DRILL ON THE SUCCESS AND ENERGY CONSUMPTION
J8	<b>Darko Katović, Lavoslav Čaklović, Vesna Babić</b> NEW APPROACH TO HEPTATHLON SCORING
J9	<b>Danijela Kuna, Katarina Zubčić, Alen Miletić</b> HIERARCHICAL CLASSIFICATION OF THE METHODOLOGICAL MODEL FOR TEACHING SHORT-RADIUS TURN
J10	<b>Dejan Madić, Nebojša Trajković, Goran Dimitrić, Marko Gušić, Dušan Stupar</b> SUMMER BREAK PARADOX: LET THE KIDS PLAY
J11	<b>Franco Merni, Andrea Cecilian, Nicola Santarelli, Fecerico Nigro, Sandro Bartolomei, Gabriele Semprini</b> ASSESSMENT OF PHYSICAL ACTIVITIES: A FACTORIAL ANALYSIS BETWEEN DIRECT AND INDIRECT METHODS OF INVESTIGATION
J12	<b>Rado Pišot, Armin Paravlić, Uroš Marušić, Gianni Biolo, Filippo De Girolamo, Carlo Reggiani, Angelina Passaro, Stefano Lazzer, Boštjan Šimunič</b> DIFFERENCES IN FUNCTIONAL AND ANTHROPOMETRIC TRAITS BETWEEN SLO & ITA OLDER ADULTS
J13	<b>Boris Popović, Danilo Radanović, Valdemar Štajer, Aleksandra Spasić, Dušan Stupar</b> INTER-RATER RELIABILITY IN SCHOOL-BASED FITNESS TESTING
J14	<b>Danilo Radanović, Boris Popović, Aleksandra Spasić, Valdemar Štajer</b> LOCOMOTOR SKILLS IN 4-YEAR-OLD PRESCHOOL CHILDREN: GENDER DIFFERENCES
J15	<b>Donald Roberson</b> BASICS OF QUALITATIVE RESEARCH
J16	<b>Stanislav Sabaliauskas</b> PSYCHOMETRIC PROPERTIES OF THE LITHUANIAN VERSION OF LEADERSHIP SCALE FOR SPORTS
J17	<b>Munir Talović, Franjo Prot, Zvonko Miljković</b> METRIC PROPERTIES OF THE ATTITUDE TOWARD FEMALE BOXING SCALE
J18	<b>Nebojša Trajković, Dejan Madić, Marko Gušić, Lidija Marković</b> INTER-RATER RELIABILITY AND CRITERION VALIDITY OF THE 20M SINGLE SPRINT TEST IN PRESCHOOL CHILDREN
J19	<b>Ivan Vrbik, Mario Kasović, Marino Krespi, Marko Badrić</b> EVALUATION OF THE TEACHING METHODS FOR COMPLEX KINESIOLOGICAL ACTIVITIES IN THE EXAMPLE OF BASKETBALL TWO STEP JUMP UP
J20	<b>Vlatko Vučetić, Damir Pekas, Munir Talović, Mario Kasović, Zvonko Miljković</b> EFFECTS OF TWO DIFFERENT COMBINED TRAINING ON BODY COMPOSITION IN ADULT WOMEN
J21	<b>Damir Crnjac, Ksenija Bosnar</b> THE EVALUATION OF CROATIAN VERSION OF SOCIAL GOAL ORIENTATION SCALE

**K: PHYSICAL EDUCATION (Chair persons: Javier Fernandez Rio, Boris Neljak, Gregor Jurak), SATURDAY, May 13, 2017, 13:00-14:00**

K1	<b>Elżbieta Cieśla, Edyta Suliga</b> THE INFLUENCE OF LATERALIZATION ON MOTOR PERFORMANCE OF PRESCHOOL CHILDREN
K2	<b>Vjekoslav Cigrovski, Igor Božić, Tomislav Rupčić, Ivan Radman, Katarina Zubčić</b> INLINE SKATING AS AN AIDING TOOL FOR BETTER LEARNING BASICS OF ALPINE SKIING IN ADULT SKI BEGINNERS
K3	<b>Srna Jenko Miholić, Ivana Nikolić, Iva Butorac</b> METRIC CHARACTERISTICS OF BALANCE TESTS FOR PRESCHOOL CHILDREN, AGE 5-6
K4	<b>Vida Juškelienė, Jūratė Česnavičienė, Algirdas Raslanas</b> PHYSICAL ACTIVITY AS A METHOD OF COPING WITH STRESS, AND OTHER STRESS MANAGEMENT METHODS AMONG TEACHER EDUCATION STUDENTS, AND THEIR RELATION WITH PHYSICAL ACTIVITY MEASURED BY IPAQ
K5	<b>Mateja Kunješić Sušilović, Ivan Prskalo, Marija Lorgar</b> PHYSICAL ACTIVITY LEVEL OF PUPILS FROM 1ST TO 4TH GRADE
K6	<b>Julijan Malacko, Robert Zekić, Aleksandra Pejčić</b> CANONICAL RELATIONS BETWEEN THE VARIABLES OF MOTOR SKILLS AND SUBCUTANEOUS ADIPOSE TISSUE IN GIRLS OF PRESCHOOL AGE
K7	<b>Boris Neljak, Hrvoje Podnar, Tonkica Rak</b> PARENTS' ATTITUDES TOWARDS PHYSICAL ACTIVITY OF PRESCHOOL CHILDREN
K8	<b>Ivana Nikolić, Snježana Mraković, Marijana Hraski</b> FACTORS RELATED TO THE FUNDAMENTAL MOTOR SKILLS IN PRESCHOOL CHILDREN
K9	<b>Sniegina Poteliuniene, Stase Ustilaite</b> FUTURE PHYSICAL EDUCATION TEACHERS EXPERIENCING FAILURE DURING THEIR TEACHING PRACTICE
K10	<b>Zdenko Reguli, Michal Vit</b> THE FREQUENCY OF FALLS IN CHILDREN JUDO TRAINING
K11	<b>Nataša Sturza Milić, Tanja Nedimović, Aleksandar Stojanović</b> THE IMPORTANCE OF PHYSICAL ACTIVITY FOR THE PREVENTION OF PEER VIOLENCE - RESEARCH OF THE PRESCHOOL TEACHERS' OPINION
K12	<b>Lovro Štefan, Vesna Štemberger, Vilko Petrić</b> PHYSICAL EDUCATION IN EUROPE: TIMETABLE IN COMPULSORY EDUCATION
K13	<b>Braco Tomljenović, Boris Neljak, Ivan Radošević</b> DIFFERENCES IN MORPHOLOGICAL FEATURES BETWEEN FOURTH GRADE FEMALE PUPILS IN URBAN AND RURAL ENVIRONMENTS IN LIKA
K14	<b>Ana Žnidarec Čučković, Katarina Ohnjec</b> STUDENTS ASSESSMENT ON TEACHER SKILLS IN PHYSICAL EDUCATION THROUGH THE ASPECT OF ACCEPTABILITY AS AN INDICATOR OF RIGHT TO EDUCATION

**L: PHYSICAL ACTIVITY AND DENTAL HEALTH (Chair persons: Hrvoje Jurić, Iva Alajbeg, Darko Macan), SATURDAY, May 13, 2017, 13:00-14:00**

Available on presentation day

## PARALLEL SESSIONS, ORAL PRESENTATIONS, SATURDAY, May 13, 2017, 18:15-19:45

Time	CONGRESS HALL PHYSICAL EDUCATION	HALL 1 RESEARCH METHODOLOGY
	Chair Persons: Javier Fernandez Rio, Boris Neljak, Gregor Jurak	Chair Persons: Zoran Milanović, Franjo Prot, Rado Pišot
18:15-18:25	Gregor Jurak, Marjeta Kovač, Gregor Starc 30 YEARS OF SLOFIT: ITS LEGACY AND PERSPECTIVE	Filippo Giorgio Di Girolamo, Roberta Situlin, Nicola Fiotti, Uroš Marušič, Angelina Passaro, Carlo Reggiani, Stefano Lazzer, Boštjan Šimunič, Gianni Biolo ABDOMINAL OBESITY IS A MAJOR DETERMINANT OF SARCOPENIA IN A TRANSNATIONAL POPULATION OF ACTIVE ELDERLY VOLUNTEERS
18:25-18:35		Franjo Prot, Goran Sporiš, Petr Blahuš TOWARD A MORE COMPLETE HISTORY OF KINESIOMETRICS (KINESIOMETRICS IN ZAGREB RESEARCH METHODOLOGY CIRCLE)
18:35-18:45	Alberto Cruz, Wai Keung Kevin Kam THE IMPLEMENTATION OF THE PEER ASSISTED LEARNING STRATEGIES IN PHYSICAL EDUCATION IN HONG KONG	Petar Barbaros Tudor, Josip Kumburić, Dario Novak THE MEASURE OF INTRINSIC AND EXTRINSIC MOTIVATION IN TENNIS
18:45-18:55	Bassam Elsayes Mohamed THE EFFECT OF AN INSTRUCTIONAL PROGRAM USING THE EDUCATIONAL PLAYING STRATEGY ON THE SKILLS PERFORMANCE LEVEL OF TRACK AND FIELD COMPETITIONS OF THE SIXTH GRADE STUDENTS	Roberta Situlin, Filippo Giorgio Di Girolamo, Nicola Fiotti, Uroš Marušič, Angelina Passaro, Carlo Reggiani, Stefano Lazzer, Boštjan Šimunič, Gianni Biolo A CLINICAL DEFINITION OF SARCOPENIC OBESITY IN A TRANSNATIONAL POPULATION OF ACTIVE ELDERLY VOLUNTEERS
18:55-19:05	Gabriele Semprini, Andrea Ceciliani, Rocco Di Michele, Franco Merni SEX DIFFERENCES IN PERCEIVED PHYSICAL ACTIVITY CHARACTERISTICS IN 11-19 YEARS OLD ITALIAN STUDENTS	Drena Trkulja - Petković, Nic James, Stafford Murray, Goran Vučković SHOT SELECTION IN SQUASH: A DECISION-MAKING APPROACH USING CLUSTER ANALYSIS
19:05-19:15	Ivana Serdarušić, Marija Rakovac, Vilko Petrić TREND OF THE CARDIORESPIRATORY FITNESS OF THE EIGHTH GRADE STUDENTS OF PRIMARY SCHOOLS IN THE PERIOD FROM 1999 TO 2012	Boris Balent, Miroslav Hrzenjak, Tamara Cvijanović METRIC PROPERTIES OF GOAL ACHIEVEMENT SATISFACTION SCALE IN SPORT ENVIRONMENT
19:15-19:25	Róbert Kandrác, Marek Kokinda, Dalibor Dzugas, Tomáš Perič, Beáta Ružbarská, Mário Jančošek, Tomáš Eliaš, Petra Tomková INDIVIDUAL ATHLETIC PROFILES IN RELATION TO THE EFFECT OF SPECIFIC EXERCISE STIMULI	Carlo Reggiani, Luana Toniolo, Massimo Venturelli, Federico Schena, Katja Koren IMPACT OF AGING ON CONTRACTILE PERFORMANCE OF WHOLE MUSCLE AND SINGLE MUSCLE FIBERS
19:25-19:35	Pavčina Vaculíková, Alena Skotáková, Martin Sebera THE OCCURRENCE OF THE PERSISTENT PRIMITIVE REFLEXES IN SCHOOL AGE CHILDREN (6-11)	Jongwon Kim, Nic James, Gethin Rees, Besim Ali, Goran Vučković ASSESSING THE INSTABILITY OF PASSING AND SHOOTING SITUATIONS IN FOOTBALL
19:35-19:45	Marijo Možnik, Tomislav Krističević, Lucija Miličić, Kamenka Živčić Marković, Saša Šolja THE KNOWLEDGE AND OPINION OF THE FACULTY OF KINESIOLOGY STUDENTS ON ARTISTIC GYMNASTICS	Sven Maričić, Diana Gluhak, Asim Bradić, Čedo Ilić, Rastislav Baričevac ADDITIVE TECHNOLOGY IN THE PRODUCTION OF SPORTS NUTRITION SUPPLEMENTS

TIME	SUNDAY, May 14, 2017
10:00-11:00	<b>HALL 3</b> KINESIOLOGY JOURNAL EDITORIAL BOARD MEETING
11:00 - 11:30	PLENARY SESSION INVITED LECTURES – <b>CONGRESS HALL</b>
	STEPHEN SILVERMAN Differentiating Research Preparation in Kinesiology
11:30	<b>CONGRESS HALL</b> CLOSING CEREMONY (YOUNG RESEARCHERS AWARD)
12:00	DEPARTURE