

11th INTERNATIONAL
CONFERENCE ON
KINANTHROPOLOGY // 

CONFERENCE PROGRAMME

Brno, Czech Republic

Welcome to the

11th INTERNATIONAL CONFERENCE ON KINANTHROPOLOGY
"Sport and Quality of Life"

Faculty of Sports Studies
Masaryk University

in collaboration with

Faculty of Kinesiology
University of Zagreb

Conference is held under the auspices of the Ministry of Education, Youth and Sports

November 29 – December 1, 2017
Brno, Czech Republic

GENERAL PROGRAMME

Wednesday, November 29, 2017

14:00 – 17:00 Registration (Continental Hotel)

17:30 – 20:00 **Opening Ceremony (Scala Cinema)**

Opening lectures:

18:00 – 18:30 **Dr. João Breda**

18:30 – 19:00 **Dr. Adrian Hutber**

Welcome drink

Thursday, November 30, 2017

8:00 – 14:00 Registration (Continental Hotel)

9:00 – 12:30 Presentations in Sections (Continental Hotel)

9:00 - 10:30 Healthy lifestyle, Active aging HALL 2

11:00 - 12:00 Ph.D. section HALL 2

9:00 - 12:00 Analysis of human movement HALL 3

9:00 - 12:00 Sport medicine HALL 4

9:00 - 12:00 Sport training HALL 6

9:00 - 12:00 Sport and Social Sciences HALL 7

10:30 - 11:00 Coffee break

12:00 - 13:00 Lunch break

14:30 - 15:00 Coffee break

13:00 – 17:30 Presentations in Sections (Continental Hotel)

13:00 - 15:30 Sport management HALL 6

13:00 - 14:30 Ph.D. section (continuation) HALL 2

13:00 - 14:30 Gymnastics and dance HALL 3

13:00 - 14:00 Nutrition and regeneration in sport HALL 7

16:00 – 18:00 Guided City Tour (guide will wait at the reception of Continental Hotel)

19:00 – 24:00 Social Evening (Faculty of social studies atrium)

Friday, December 1, 2017

(Faculty of Sports Studies)

9:00 - 12:00 Ph.D. section (continuation) seminar room A34/203

12:00 – 14:00 Poster section motion gym

11:30 - 12:00 Coffee break

16:00 – 18:00 Guided City Tour (guide will wait at the reception of Continental Hotel)

Wednesday, November 29, 2017

OPENING LECTURE IS DELIVERED BY

18:00 Dr. João Breda

Programme Manager, Nutrition, Physical Activity and Obesity
World Health Organization in the European Region

18:30 Dr. Adrian Hutber

Vice President of Exercise is Medicine at the American College of Sports Medicine

CONFERENCE PROGRAMME

**Thursday, November 30, 2017
(Continental Hotel)**

ANALYSIS OF HUMAN MOVEMENT

Hall 3

CHAIRS: prof. Dr. Rado Pišot, Gheorghe Balint, Ph.D.

OPENING LECTURE:

9:00 Rado Pišot Safe and Effective Return to Sport After Injuries

9:20	Gimunová Marta	The effect of babywearing on maternal gait: a case study
9:30	Hruša Petr	Comparison of Physical Preparedness of Football Referees of Different Competition Levels
9:40	Balaban Vlado	The relationship between objectively measured physical activity and fundamental motor skills in 8 to 11 years old children
9:50	Krska Peter	Sport Performance Structure in Female Pole Vault from the Point of View of Physical Activity Kinematic Parameters
10:00	Tůma Martin	Analysis of the one-handed overhead throw in students of the 2nd grade of Faculty of Physical Education and Sport Charles University
10:10	Pravečková Petra	Differences in the timing of baseball swing in different conditions for hitting of elite baseball players in the Czech Republic
10:20	Matković Branka	Angle values as kinematic parameters for describing movement on ski simulator
10:30	Coffee break	
11:00	Salcman Václav	Comparing the quality of stereopsis in handball players and swimmers at the age of 5-10 years
11:10	Šťastný Jan	Relation Between the Speed of Front Crawl Swimming with Either the Arms Only or Flutter-kicking in Group of Junior Category Male Swimmers
11:20	Vrbas Jaroslav	MOBAK 3 - Presentation of a test battery of basic motor competencies and selected results of the Czech Republic and Switzerland.

SPORT MEDICINE

Hall 4

CHAIRS: ass. prof. Aleksandar Ignjatovic, doc. MUDr. Luboš Hrazdira, CSc.

OPENING LECTURE:

9:00 ass. prof. Aleksandar Ignjatovic: Health benefits of resistance training in children

9:15 doc. MUDr. Luboš Hrazdira, CSc.: Ultrasound examination of the locomotive apparatus in sports medicine

9:30	Machová Lucie	The implications of Respiratory Muscle Training in Professional Athletes
9:40	Chocholová Lucie	Effect of hormone yoga therapy on symptomatic manifestations of dysfunctions in the endocrine and reproductive systems
9:50	Grznár Luboš	Anthropometry, body composition and ACE genotype of elite female competitive swimmers and synchronised swimmers
10:00	Cepková Alena	Posture and lower back pain of university students
10:10	Chaloupská Pavlína	Overuse injuries among elite male orienteers in adolescent categories in the Czech Republic
10:20	Struhár Ivan	Effects of compression calf sleeves on force production during concentric and eccentric muscle testing
10:30	Coffee break	
11:00	Malátová Renata	Breathing pattern of restful and deep breathing
11:10	Polakovičová Mája	The association of ACE polymorphism with explosive leg-muscle power in elite volleyball players
11:20	Řezaninová Jana	Ultrasound Diagnostics of Lateral Ankle Instability
11:30	Vaculíková Pavlína	The difference between type of physical activity on the values of blood
11:40	Vysoký Robert	Respiratory training combined with aerobic training in patient with dilated cardiomyopathy – a case study

SPORT TRAINING

Hall 6

CHAIRS: prof. Damir Knjaz, Ph.D., Assoc. Prof. PaedDr. Pavel Ružbarský, PhD.

OPENING LECTURE:

9:00 Damir Knjaz Differences in agility tests in male and female U16 and U18 basketball players

9:30 Pavel Ružbarský The efficiency of various recovery strategies after specific endurance physical load among soccer players

10:00	Bozděch Michal	The Relative Age Effect in World Junior Tennis Finals 2012-2016 (male)
10:10	Agricola Adrián	The comparison of the influence of the Age Effect between elite junior male and female tennis players
10:20	Chaloupsky David	Contemporary trend in travelling of elite sport climbers
10:30	Coffee break	
11:00	Kalichová Miriam	Butterfly swimming technique variations during an exhaustive swim exercise
11:10	Kuna Danijela	Methodical model for correction of common mistake in the Basic ski turn performance
11:20	Lenik Paweł	The impact of exercises with the use of a reaction ball on the eye-hand coordination of basketball players
11:30	Motyčka Jaroslav	Introducing an inertial measuring method with synchronous video recording based the case study analysing the front crawl, back stroke, breast stroke and butterfly stroke
11:40	Vencúrik Tomas	Factors influencing passing skills during competitive basketball games
11:50	Grasgruber Pavel	The physique of national olympic teams and implications for talent selection
12:00	Miodrag Spasic	Should we observe standing- and running-vertical-jumps as unique or separated qualities for high-level basketball players

SPORT AND SOCIAL SCIENCES

Hall 7

CHAIRS: Assoc. Prof Piotr Oleśniewicz, Ph.D., Assoc. Prof. PaedDr. Emanuel Hurych, Ph.D.

OPENING LECTURE

9:00 Assoc. Prof. PaedDr. Emanuel Hurych, Ph.D. : Behavior of Slavia Prague football fans: some selected ethical aspects

9:15 Assoc. Prof Piotr Oleśniewicz, Ph.D.: Socioeconomic factors of physical activity of persons in the older productive age from big city environment

9:30	Akelaitis Arturas	The education of social skills among senior high school age students in physical education classes
9:40	Bartoluci Sunčica	Croatian basketball in contemporary society - where has national identity disappeared?
9:50	Vičar Michal	Psychological Characteristics in Sport Talent Development
10:00	Lisinskiene Ausra	Parent–athlete interpersonal relationship in sport: the importance of attachment
10:10	Olaitan Saseyi	The role of some moderating variables that we should not ignore in Organised Physical Education, Sports and in adolescence motivation.
10:20	Růžičková Kamila	The level of inclusion of students with visual impairment in physical education lessons in Czech schools
10:30	Coffee break	
11:00	Sekot Aleš	Olympic versus Olympic Games
11:10	Slepičková Irena	Social demographic factors and doping of Czech adolescents
11:20	Vlček Petr	Integrating Physical Education and Geography in the realised curriculum – a questionnaire survey in the Czech Republic, the Republic of Slovenia and Denmark
11:30	Trávníček Marek	The volume and intensity of motoric load of primary school children in the implementation of integrated fieldwork education.
11:40	Valkounová Eva	Selected views of students to the student evaluation of sports teaching
11:50	Kotlík Kamil	Medical and Behavioural Characteristics of the Secondary School Teachers of Physical Education
12:00	Válková Hana	Physical activity of Special Olympians during a summer outdoor camp

SPORT MANAGEMENT

Hall 6

CHAIRS: Brian R.G. Minikin B.Phys Ed (Hons), M.Sc.

OPENING LECTURE

13:00 Brian R.G. Minikin

The Yin and the Yang

13:30	Kuchar Robert	Economic indicators and their impact on attendance
13:40	Chaudhuri Sujit	Audit of Corporate Climate in Sport Related Organizations
13:50	Feltlová Dana	Physical activity and socio-economic status
14:00	Honcová Martina	The effects of sport involvement in a corporate strategy on employee loyalty – focus on young graduates in economics
14:10	Hrušová Dagmar	Running Races in Hradec Králové and Their Influence on Tourism Development
14:20	Bejani Abolfazl	The Perception of Sport Management Students towards the Competency of Sport Organizations Managers
14:30	Coffee break	
15:00	Pavel Hanousek, Code Creator company presentation	
15:10	Tripes Stanislav	Perception of stakeholders in Non-profit sport organizations
15:20	Možnik Mario	Countries efficiency on world championships in artistic gymnastics
15:30	Markiewicz – Patkowska Julita	Selected conditions of the senior tourism functioning on the example of Lower Silesia
15:40	Svobodová Zora	Leaving Competitive Sport in the Czech Context

HEALTHY LIFESTYLE, ACTIVE AGING

Hall 2

CHAIRS: prof. Dr. Václav Bunc, Ph.D.

OPENING LECTURE

9:00 prof. Dr. Václav Bunc, Ph.D.

Movement activities as a prerequisite for quality lifestyle and active aging

9:30	Svobodová Lenka	Association between the Fear of Falling and the Level of Physical Activity in Older Adults
9:40	Rehfeld Kathrin	Motor and cognitive development in early childhood: The importance of being physically active for later achievements
9:50	Hrazdíra Eduard	Body height, body composition and lifestyle of czech high school students
10:00	Mitáš Josef	Neighborhood walkability and physical activity in Czech adolescents national study
10:10	Sklenaříková Jana	The level of physical abilities of healthy seniors and patients with mild cognitive impairment
10:20	Gujar Tariq Ali	Comparative study of cortical activity between young and senior people undergoing the Sensory Organization Test (SOT) for postural balance
10:30	Teplicancova Maria	Free-time Activities of Children of Younger and Older School Age

NUTRITION AND REGENERATION IN SPORT

Hall 7

CHAIRS: ass. prof. RNDr. Viktor Bielik, PhD.

OPENING LECTURE

13:00 ass. prof. RNDr. Viktor Bielik, PhD.

Why mathematical modeling of nutrition does not always work for athletes?

13:30	Hrnčířiková Iva	Examination of autonomic nervous system activity in hematooncological patients
13:40	Kumstát Michal	Hydration for better performance - autonomous or prescribed drinking regime?
13:50	Růžička Ivan	Verification of lag-time of pellets with controlled release of glucose during various physical activities

GYMNASTICS AND DANCE

Hall 3

CHAIRS: Prof. Dr. Anita Hökelmann

OPENING LECTURE:

13:00 Anita Hökelmann

The performance profile of dance and effects on the brain

13:30	Hedbávný Petr	The level of selected gymnastic abilities in elementary school pupils
13:40	Luptáková Jana	Parameters of postural sway after specific exercises and gymnastics performance
13:50	Moc Králová Dagmar	Physiological Aspects of Musculoskeletal System In Classical Dance
14:00	Skotáková Alena	The effect of dance interventions on the level of chosen physical abilities in elderly people

PH.D. SECTION

Hall 2

CHAIRS: **prof. dr. Matthieu Lenoir, Dr. João Breda**

OPENING LECTURE:

11:00 prof. dr. Matthieu Lenoir The role of general motor coordination in talent identification and development in sport

11:30	Besic Damir	Number of steps and sedentary time during two weekdays and two weekend days in 7-10 years old children who did not meet steps/day recommendation
11:40	Blažej Adam	Fostering intrinsic motivation and satisfaction with training sessions among sporting children and youth
11:50	Bokůvka Dominik	Relationship between maximum leg curl/leg extension performance and 10m sprint performance of amateur soccer players
12:00	break	
13:00	Honcová Martina	The effects of sport involvement in a corporate strategy on employee loyalty – focus on young graduates in economics
13:10	Hromčík Adam	Sensorimotor skills and specific timing in adolescent population 6-18 years
13:20	Janák Ondřej	Analysis of the game characteristics of a final juniors match U14 at World Junior Tennis Finals (WJTF) in 2014
13:30	Kolínský Roman	Lateral differences in maximal grip strength in Czech tennis players aged 9 – 10 in the context of injury prevention
13:40	Novák Jan	Comparison of response capabilities among students of Special Education of Security Sections study programme, combat sports athletes and physically inactive persons
13:50	Uzelac-Šćiran Tomislav, Vučetić Vlatko	Evaluation of anaerobic threshold in elite handball players on different playing positions using rating of perceived exertion
14:00	Péliová Katarína	Influence of different aerobic programs on stability parameters in women
14:10	Protic Mladen	Influence of physical activity on executive functions in children with intellectual disabilities
14:20	Vajda Petr	Perception of facial attractiveness of non-contact and combative athletes

Friday, December 1, 2017
Faculty of Sport Studies, seminar room A34/203

CHAIRS: prof. Marc Lochbaum, prof. Kenneth Lee Swalgin

OPENING LECTURES:

9:00 prof. Marc Lochbaum **Task and Ego Goal Orientations across the Youth Sports Experience**

9:20 prof. Kenneth Lee Swalgin **Bridging the Gap Between Sport Science and Coaching in Basketball**

9:40 Pavel Hanousek Code Creator company presentation

10:00	Klaričić Ivana, Cvitanović Matea, Vidranski Tihomir	Differences in physical activity level, estimated by questionnaire, between 3th and 4th grade pupils of elementary school
10:10	Válek Štěpán	Does a relative age effect force dropout of youth sports? A study of six primary schools in Olomouc, Czech Republic
10:20	Žák Michal	How one year of systematic training changes the shooting performance in a group of young biathletes?
10:30	Grgić Danijela	Running dynamics in 400m sprint event
10:40	Horáček Jan	How hard is work with personal computer and how to measure it - Thermographic methods. Not new, but still just promising
10:50	Milinović Ivan, Lovro Štefan, Čule Marko	Evaluation of anaerobic threshold in elite handball players on different playing positions using rating of perceived exertion
11:00	Strašilová Kateřina	The influence of social interaction: motivation gain of group trainig in children
11:10	Pačes Jiří	Analysis of the level of anthropometric and speed agility characteristics of male and female players aged 11-12
11:20	Masnjak Mia, Šalaj Sanja, Benko Bartol	Parents' education level and household income is not related to motor skills of preschool children
11:30	Šimková Katarína	Common Elements of Socialization in Sport - a summary through the Career Transition Theory
11:40	Trochta Pavel	Use of Intrinsic Motoric Imagination on the Level of Muscular Strength
11:50	Afshari Mostafa	Postmodernism in Sport Management and Sport Development: Requirements, Proceedings

POSTER SECTION

Motion Gym, Faculty of Sports Studies

CHAIRS: prof. Lana Ružić and prof. Sanja Šalaj

12:00	Elavsky Steriani	Mobile Health Interventions to Support Behavioral Health in Older Adults: A Systematic Literature Review
12:05	Knapová Lenka	Mobile Health Interventions to Support Behavioral Health in Older Adults: A Systematic Literature Review
12:10	Melinis Rimantas	Identifying and promoting the psychological characteristics of talented adolescent athletes
12:15	Vašičková Jana	Trends in assessment of school physical education lessons by pupils: 2002-2016
12:20	Vodička Tomáš	Unilateral and bilateral muscular strength dysbalances of knee joint in elite junior tennis players.
12:25	Vlašić Jadranka	Attitudes toward dance and gender differences of kadets of military college
12:30	Cigrovski Vjekoslav	Biomechanical field study of slalom turn during second run Snow Queen Trophy race
12:35	Vlašić Jadranka	Determining the general health status of Czech boys between the ages of 13 and 16 years by using the FitnessGram Battery tests
12:40	Ružić Lana	Designing the strength training protocol that might elicit similar BDNF responses as standardly recommended aerobic exercise
12:45	Jere Gulin	Effects of RunningMax® gel in skin temperature values and training recovery
12:50	Ohnjec Katarina	Performance analysis of Women's Youth Beach Handball World Championship 2017
12:55	Prosoli Rebeka	Reasons behind success and failure in sport
13:00	Rakovac Marija	Effects of physical exercise in elderly people with dementia – a review
13:05	Horvatin Maja	Influence of upper body strength on burpee30 test performance
13:10	Bor Oreb	Biomechanical field study of slalom turn during second run Snow Queen Trophy race
13:15	Gruić Igor	Gait Asymmetries in Sport and Medicine: Handball vs. Ankylosing Spondylitis
13:20	Obadić Evica, Kerner Ivana and Blaić Branimir	The government's role in decreasing the cost of public health insurance in the Republic of Croatia
13:25	Zekić Robert, Vučetić Vlatko, Pejčić Tena	Differences in testing the assessment of maximum oxygen uptake and sprint of young volleyball and handball players
13:30	Ljubičić Sanja, Uzelac-Šćiran Tomislav, Kusić Andrea	The differences in morphological characteristics of female athletes - olympic finalists in throwing disciplines from 2000 to 2016

13:35	Kiseljak Dalibor, Pažin Krešimir, Bolčević Filip	Differences between body composition parameters in university students according to self rated health status
13:40	Milčić Lucija, Živčić Marković Kamenka, Veljković Aleksandra Aleksić	One way proceeding of learning basic gymnastic elements
13:45	Hopovac Almin, Klarić Zdenko	The influence of training on HRV
13:50	Komarc Martin	Potentials of Computerized Adaptive Testing in physical self-concept assessment.
14:00	Harbichová Ivana	Factor structure of intrinsic motivation in sport

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Dr João Breda, PhD, MPH, MBA

WHO Regional Office for Europe

Dr. Adrian Hutber

Exercise is Medicine, USA

doc. MUDr. Luboš Hrazdira, CSc.

Vice-chairman of Czech Society of Sports Medicine

PhDr. Karel Kovář, Ph.D.

Deputy Head of Division for Sport and Youth at the Ministry of Education, Youth and Sport

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Faculty of Medicine and Health Sciences, University of Ghent, Belgium

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Ing. Zuzana Sajdlová, Ph.D.

GENERAL TOPICS

GENERAL INFORMATION

Language

The official language of conference is English for all presentations. Interpretation into English will be arranged for introductory speeches of Czech representatives during the Opening Ceremony.

Oral Presentations

All thematic sections include one 15-20 minutes keynote lecture and 5 minutes for discussion or questions.

Oral presentations consist of 6 minutes presentation and 3 minutes for discussion or questions. All presenters should be available at the lecture room 10 minutes before the beginning of the section to upload their presentation and check its functionality.

All submitted papers will be reviewed. Accepted papers will be published in Proceedings of the conference. Proceedings will be submitted for acceptance in Scopus and Web of Science® databases.

Poster Presentations

There is one poster section during the conference. The posters will be exhibited in motion gym at the Faculty of Sports Studies. The authors are requested to be available 20 minutes before the beginning of the section for putting up their posters and also be available at their posters during the poster section according to program.

Registration Desk

Registration desk at the Continental Hotel (see map 2) is open throughout the conference. Please be so kind and make your registration before starting the programme.

Wednesday 29/11 14:00 – 17:00

Thursday 30/11 8:00 – 14:00

Name tag

Participants and visitors registered to the conference will receive a name tag at the registration desk. Name tags are required to identify members of the conference and must be worn throughout scientific events, coffee breaks and social evening.

Internet Access

Free Internet Access is available in Continental Hotel. In all buildings of Masaryk University Internet Access is available via Eduroam.

Refreshment

In registration fee is included:

- Welcome drink during Opening Ceremony
- Coffee breaks on Thursday and Friday

Lunch is to be paid cash by each participant on his own in a restaurant of his choice.

Opening Ceremony

Wednesday, November 29, 17:30 – 20:00, Scala Cinema

All registered participants and visitors are invited to the Opening Ceremony in Scala Cinema (see map 1).

Social Evening

Thursday, November 30, 19:00 – 24:00, Faculty of Social Studies

All registered participants and visitors are invited to the Social Evening in Faculty of Social Studies
- Joštova 10, Brno

Transport Information

UNIVERSITY CINEMA SCALA

Moravské nám. 3, 602 00 Brno

GPS: N 49° 11.832 E 16° 36.501

Tram stop Moravské náměstí - tram 1

Tram stop Česká - tram 3, 4, 5, 6, 11

CONTINENTAL HOTEL

Kounicova 6, 602 00 Brno

www.continentalbrno.cz

GPS: 49°12'2.194"N 16°36'16.155"E

Tram stop Moravské náměstí - tram 1

Tram stop Česká - tram 3, 4, 5, 6, 11

Faculty of Social Studies

Masaryk University

Joštova 10, Brno

Tram stop Moravské náměstí - tram 1

Tram stop Česká - tram 3, 4, 5, 6, 11

Faculty of Sports Studies

Masaryk University

Kamenice 5, 625 00 Brno

Tram stop University campus- trolley bus 25

