

WELCOME

Dear Friends and Colleagues,

welcome to Brno at the 9th International conference “Sport and Quality of Life” hosted by the Faculty of Sports Studies, Masaryk University, November 7 – 8, 2013.

We are proud to welcome our colleagues from countries all over the world at our conference. We have a privilege of assembling a number of leading researchers and scholars who will present the key topics in the field of their scientific activities.

The aim of our conference is to offer the participants a forum for the latest research and both theoretical and applied insight from the field of Sports Science disciplines. Participants will take part in oral and poster presentations.

The conference is held for the first time in the University Campus at Bohunice. Besides the conference, all participants and visitors are invited to the international sport fair “SPORT Life”. Free entrance to the fair is covered within the conference fee.

We hope that the conference will contribute to exchange of latest research findings and ideas in the area of physical education and their applications to quality of life. We wish you a pleasant stay in Brno.

doc. Mgr. Jiří Nykodým, Ph.D.
Head of Scientific Committee

doc. Mgr. Martin Zvonař, Ph.D.
Head of Organising Committee

ORGANISER
Faculty of Sports Studies MU

UNDER THE AUSPICES OF
Rector of the Masaryk University
South Moravian Region
Czech Kinanthropology Association

November 7-8, 2013
Brno, Czech Republic

HONORARY PATRONAGE IS HOLD BY

doc. PhDr. Mikuláš Bek, Ph.D.
Rector of the Masaryk University

prof. PhDr. Petr Fiala, Ph.D., LL.M.
Rector Emeritus of Masaryk University

doc. PhDr. Vladimír Süß, Ph.D.
Dean of the Faculty of Physical Education and Sport, UK Praha

doc. PhDr. Zbyněk Svozil, Ph.D.,
Dean of the Faculty of Physical Education, UP Olomouc

prof. PaedDr. Miroslav Holienka, PhD.
Dean of the Faculty of Physical Education and Sport, UK Bratislava

doc. PaedDr. Pavel Ružbarský, PhD.
Dean of the Faculty of Sports, University of Presov in Presov

Mgr. Jiří Nantl, LL.M.
President of the High school education dept., Ministry of Education, Youth and Sports

Ing. Jiří Kejval
President of the Czech Olympic Committee

RNDr. Miloš Vrabec
President of the Anti-Doping Committee of the Czech Republic

JUDr. Miroslav Jansta
President of the Czech Sports Association

doc. PhDr. František Dvořák, CSc.,
President of the Czech Association of High School Physical Education

MUDr. Martin Matoulek, Ph.D.
President of the Czech Society of Sports Medicine

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chairman

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prof. Damir Knjaz (*Croatia*)

prof. Andy Lane (*Great Britain*)

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prof. PhDr. Antonín Rychtecký, DrSc.

prof. PhDr. Vladimír Hellebrandt, Ph.D.

prof. PhDr. Michal Charvát, CSc.

prof. MUDr. Jan Novotný, CSc.

doc. PhDr. Josef Pavlík, CSc.

doc. Mgr. Martin Zvonař, Ph.D.

ORGANIZING COMMITTEE

Mgr. Martin Zvonař, Ph.D.,
chairman

PhDr. Michal Vít, Ph.D.

Mgr. Eva Špillingová

Ing. Zuzana Sajdlová, Ph.D.

THEMATIC SECTIONS

- **Ageing and physical activity**
- **Biomedical aspects of sport**
- **Quantitative and qualitative analysis of human movement**
- **Safety in physical education, sport and leisure activities**
- **Sport in the perspective of social sciences**
- **Sports training, professional sport**
- **Miscellaneous**
- **Poster section**

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.

Oral Presentations

Most of the thematic sections include one or two 30 minutes keynote lectures.

Oral presentations consist of 10 minutes presentation and 5 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 conference room E. The authors are requested to be available 30 minutes before the beginning of the section for putting up their posters and also be available at their posters during the poster section.

Registration Desk

Registration desk at the Faculty of Sports Studies (see map, point 1) is open throughout the conference. Please be so kind and make your registration before starting the programme.

Thursday 7/11 9:00 – 15:00

Friday 8/11 9:00 – 10:00

For free entrance to the international sport fair “SPORT Life” please ask at registration desk. A free ticket will be printed for you.

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

Internet Access is available in all buildings of Masaryk University via Eduroam. For participants who don't have access to Eduroam a username and password will be provided at the registration desk.

Refreshment

Coffee breaks are included in the registration fee.

Lunch is to be paid cash by each participant on his own in a restaurant of his choice. Close to the University Campus are following restaurants:

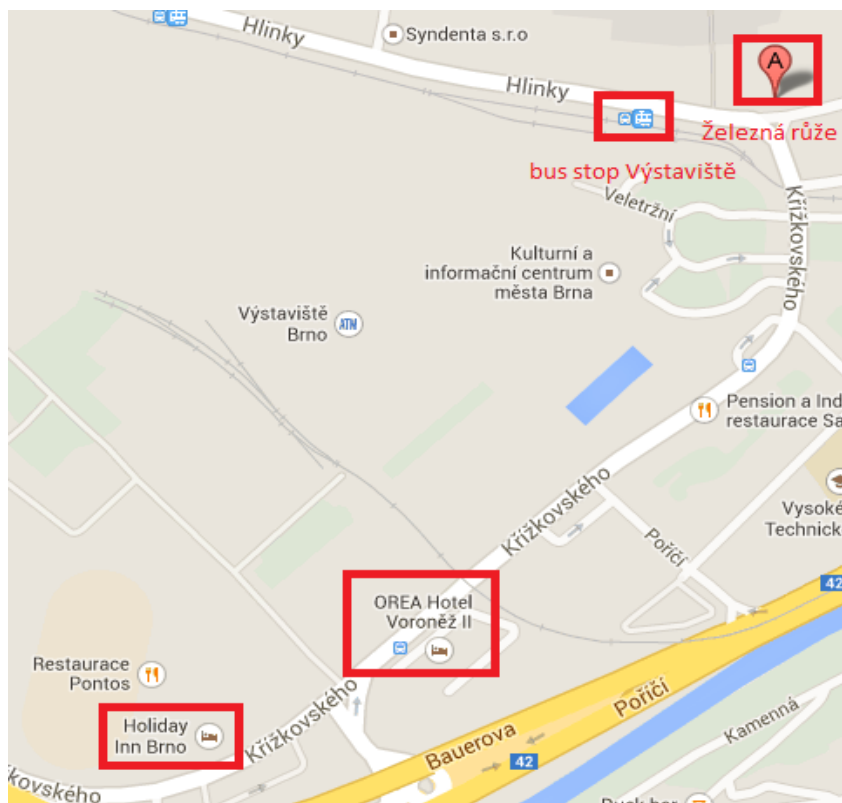
- *Campea* – upper floor will be reserved for conference participants on Thursday, 7 Nov, 13:00-15:00 (see map, point 4)
- *Academic restaurant* – canteen type restaurant for students and employees of Masaryk University, situated on the upper floor of Campus Square shopping centre (see map, point 5)

Social Evening

Thursday, November 7 - from 19:00

All registered participants and visitors are invited to the Banquet in the cellar restaurant *Železná růže* (Iron Rose), Hlinky street No. 48 (see map, point A).

How to get there: take direct trolley bus 25 from Univerzitní kampus stop (see map, point 6) to the Výstaviště, hlavní vstup (direction Novolíšeňská). Then cross the street and continue 40 meters to the right.



Transport to Brno, the University Campus

By car:

For travelling on the motorway and high-speed roads from Vienna, Prague and Ostrava, a motorway sticker is required. GPS of the car park by the Faculty of Sports Studies (Kamenice 5, 605 00 Brno) is 49°10'44.952"N, 16°34'9.220"E (see map, point 2). This parking place is equipped with a barrier. Participants should press a button by a barrier. You will be asked for permission to enter. Please, say your name and that you are a participant of the conference. When this parking place is full, another possibility is to park by the Campus Square shopping centre 49°10'38.427"N, 16°33'51.280"E (see map, point 3).

By train:

Station: Brno, hlavní nádraží (main railway station)

Take tram 1 to the Mendlovo náměstí (direction Ečerova) and there change for trolley bus 25 to the bus stop: Univerzitní kampus (direction Osová)

By bus:

1. Station Zvonařka

Take bus 60 or 61 to the bus stop: Univerzitní kampus

2. Station hotel Grand

Take tram 1 to the Mendlovo náměstí (direction Ečerova) and there change for trolley bus 25 to the bus stop: Univerzitní kampus (direction Osová)



Transport from accommodation to the University Campus

Hotel Kounicova

Take tram 12 from Klusáčkova stop to Konečného náměstí stop (direction Komárov); there change for trolley bus 25 to the bus stop: Univerzitní kampus (direction Osová)

UNI hotel Žerotínovo náměstí

Take tram 6 from Česká stop to Mendlovo náměstí stop (direction Starý Lískovec); there change for trolley bus 25 to the bus stop: Univerzitní kampus (direction Osová)

Holliday Inn

Take bus 84 from Velodrom stop to Pisárky stop (direction Stará osada); there change for trolley bus 25 to the bus stop: Univerzitní kampus (direction Osová)

Voroněž

Take bus 84 from Křížkovského stop to Pisárky stop (direction Stará osada); there change for trolley bus 25 to the bus stop: Univerzitní kampus (direction Osová)

GENERAL PROGRAMME

Thursday, November 7, 2013

9:00 – 10:00	Arrivals and Registration
10:00 – 12:00	Opening Ceremony <i>Opening lectures</i>
12:00 – 13:00	Lunch
13:00 – 15:00	Presentations in Sections <i>conf. room A Biomedical aspects of sport</i> <i>conf. room B Sport in the perspective of social sciences</i> <i>conf. room C Quantitative and qualitative analysis of human movement</i> <i>conf. room D Safety in physical education, sport and leisure Activities</i>
13:00 – 16:00	<i>conf. room E Poster Section</i>
15:15 – 15:45	Coffee Break
15:45 – 17:45	Presentations in Sections <i>conf. room A Biomedical aspects of sport</i> <i>conf. room B Sport in the perspective of social sciences</i>

SPECIAL EVENTS

15:00	EIM meeting
16:00	Czech Kinantropology Association committee meeting
17:00	Czech Kinantropology Association meeting
17:30	INSHS meeting
19:00	Banquet Restaurant “ <i>Železná růže</i> ”

Friday, November 8, 2013

9:00 – 10:00	Arrivals and Registration
10:00 – 12:30	Presentations in Sections <i>conf. room B Ageing and physical activity</i> <i>conf. room C Miscellaneous</i> <i>conf. room D Sports training, professional sport</i>
12:30	Lunch

OPENING LECTURE IS DELIVERED BY

Adrian Hutber (USA)

The Exercise is Medicine^R Global Health Initiative: Vision, Goals, Strategies and Future Direction

Damir Knjaz (Croatia)

Turning a Talent into a top Athlete: a Scientific Approach and Dilemas

Opening lectures are part of Opening Ceremony from 10:00.

CONFERENCE PROGRAMME

Thursday, November 7

BIOMEDICAL ASPECT OF SPORT *conference room A*

CHAIRS: Sedliak Milan, Zhu Weimo

KEYNOTE LECTURES

- 13:00 Zhu Weimo (USA)
MEASUREMENT ISSUES AND CHALLENGES IN YOUTH FITNESS TESTING
- 13:30 Sedliak Milan (SK)
BIOLOGICAL RHYTHMS – IMPLICATIONS FOR SPORT PERFORMANCE AND HEALTH
- 14:00 Bastyan Vojtěch, Novotný Jan, Mach Jan, Pospíchal Vladimír (CZ)
THE INFLUENCE OF RESISTANCE TRAINING ON RESTING METABOLIC RATE IN PREVIOUSLY SEDENTARY ADULT MEN
- 14:15 Bernacikova Martina, Chovancova Jaroslava, Kalina Tomas (CZ)
THE COST OF RUNNING ON DIFFERENT SURFACES IN LONG DISTANCE RUNNERS
- 14:30 Černý Vít, Feitvá Kateřina (CZ)
INFLUENCING POSTURAL STABILITY PARAMETERS BY MEANS OF A POWER YOGA EXERCISE PROGRAMME FOR STUDENTS OF CHARLES UNIVERSITY IN PRAGUE, FACULTY OF SCIENCE
- 14:45 Fife Gabriel P., O'Sullivan David M., Pieter Willy (KR)
EFFECTS OF TAEKWONDO FOOTPAD PROTECTORS ON RESULTANT LINEAR ACCELERATION OF AN INSTRUMENTED HEAD-FORM
- 15:00 Horňáková Lenka, Jelen Karel (CZ)
THE COMPARISON OF MECHANICAL PROPERTIES OF THE HUMAN ARTICULAR CARTILAGE AND THE MENISCUS
- 15:15 *COFFEE BREAK*
- 15:45 Kasbparast Jui Ray Mehdi (IR)
THE FACTORS AFFECTING SPORT INJURIES AND THE ROLE OF PHYSIOTHERAPIST TO TREAT THEM
- 16:00 Králová Dagmar, Novotný Jan, Řezaninová Jana (CZ)
KINESIO TAPING EFFECT ON BICEPS BRACHII MUSCLE STRENGTH
- 16:15 Kumstát Michal (CZ)
ACTUAL CONCEPTS AND CONTEMPORARY SCIENTIFIC INTERESTS IN SPORT NUTRITION
- 16:30 Motyčka, J., Šťastný, J. Lepková, H., Pašek, M., Bátorová, M. (CZ)
KINEMATIC AND DYNAMIC ANALYSES OF SWIMMING
- 16:45 Psalmanová Dagmar, Psalman Vladimír, Ribera-Nebot David, Sedliak Milan (SK)
PAINS DURING PREGNANCY
- 17:00 Smolka Ondřej, Kumstát Michal, Hrnčířková Iva, Sebera Martin (CZ)
THE EFFECT OF CAFFEINE ADMINISTRATION ON ENDURANCE PERFORMANCE USING THE BORG SCALE
- 17:15 Vařeková Renata, Vařeka Ivan (CZ)
ARE ASTHMATIC CHILDREN PRONE TO OBESITY?

SPORT IN THE PERSPECTIVE OF SOCIAL SCIENCES
conference room B

CHAIRS: Hurych Emanuel, Lane Andy, Sekot Aleš

KEYNOTE LECTURES

- 13:00 Hurych Emanuel (CZ)
THE SPIRITUALITY OF MOVEMENT ACTIVITIES IN THE CONTEXT OF PHILOSOPHICAL KINANTHROPOLOGY
- 13:30 Lane Andy (UK)
DO SELF-HELP INTERVENTIONS WORK?
- 14:00 Abdel Karim Osama, Hökelmann Anita (DE)
MOTOR AND COGNITIVE ABILITIES OF PRIMARY SCHOOL AGED CHILDREN IN MAGDEBURG
- 14:15 Ardahan Faik (TR)
THE EFFECT OF PARTICIPATING IN OFFICIAL RECREATIONAL ACTIVITIES ON ORGANIZATIONAL CITIZENSHIP, ORGANIZATIONAL AND PROFESSIONAL COMMITMENT, LIFE SATISFACTION AND ACHIEVEMENT
- 14:30 Davids Eugene Lee (ZA)
EXAMINING THE ASSOCIATIONS BETWEEN INTRINSIC LIFE GOALS AND ASPIRATIONS OF PHYSICAL HEALTH AND PERSONAL GROWTH AMONG SOUTH AFRICAN ADOLESCENTS
- 14:45 Král Pavel, Tripes Stanislav, Pirožek Petr (CZ)
EFFECTIVENESS OF CZECH NATIONAL SPORT ORGANIZATIONS: APPLICABILITY AND SUITABILITY OF APPROACHES TO MEASURING EFFECTIVENESS
- 15:00 Matthews Christopher (UK)
OBESE MEN'S EXPERIENCES OF A WEIGHT MANAGEMENT PROGRAMME DELIVERED BY NOTTS COUNTY FOOTBALL CLUB
- 15:15 *COFFEE BREAK*
- 15:45 Paar David (HU)
SOCIO-ECONOMICAL DIFFERENCES BETWEEN HUNGARIAN SPORT CONSUMERS
- 16:00 Sekot Aleš (CZ)
PHYSICAL ACTIVITIES IN CZECH SOCIETY
- 16:15 Stará Jana, Charvát Michal (CZ)
SPORT AS AN INTEGRAL, NOT THE EXCLUSIVE PART OF QUALITY LIFE
- 16:30 Šimůnková Iveta, Novotná Viléma, Chrudimský Jan (CZ)
CONTRIBUTION OF GYMNASTIC SKILLS TO THE EDUCATIONAL CONTENT OF PHYSICAL LITERACY IN ELEMENTARY SCHOOL CHILDREN AND YOUTH
- 16:45 Štaud Ondřej (CZ)
ELITE ATHLETES AS A SUBSTITUTION OF NATIONAL SYMBOL IN VIEW OF TV POLLS
- 17:00 Tripes Stanislav, Král Pavel, Ziegler Jiří (CZ)
SPONSORSHIP IN SPORT: A CASE STUDY FROM THE 2ND CZECH HOCKEY LEAGUE
- 17:15 Urbánková Eva, Augustýn Tomáš, Jůva Vladimír (CZ)
THE USE OF INFORMATION TECHNOLOGY IN NON-FORMAL EDUCATION AND INFORMAL LEARNING OF HANDBALL COACHES
- 17:30 Vychodilová Renáta, Večeřová Věra, Svobodová Zora, Střešítková Radka (CZ)
METHODICAL MATERIALS FOR ELIMINATION OF LANGUAGE BARRIERS IN SPORTS ENVIRONMENT: SPORTS TERMINOLOGY

QUANTITATIVE AND QUALITATIVE ANALYSIS OF HUMAN MOVEMENT

conference room C

CHAIRS: Hellebrandt Vladimír, Hughes Mike, Pišot Rado

KEYNOTE LECTURES

- 13:00 Hughes Mike (UK)
QUANTITATIVE AND QUALITATIVE ANALYSIS OF HUMAN MOVEMENT
- 13:30 Pišot Rado (SI)
MEASURING AND ANALYZING HUMAN MOTOR COMPETENCES
- 14:00 Kavalířová Gabriela, Knappová Věra (CZ)
EVALUATION AND DEVELOPMENT OF COORDINATION ABILITIES BY CHILDREN WITH MENTAL DISABILITY
- 14:15 Korvas Pavel, Kalina Tomáš, Musil Radek (CZ)
THE COMPARISON OF THE FIELD AND LABORATORY WALK REPRESENTATIVE CHARACTERISTICS
- 14:30 Matošková Petra, Suss Vladimír, Kračmar Bronislav (CZ)
DIFFERENCES IN THE ACTIVATION OF SELECTED MUSCLES THROUGHOUT A CURVE WITH THE USE OF INTERNAL STABILIZER IN HANDICAPPED SKIING GROUP LW2
- 14:45 Melcher Kevin, Hökelmann Anita (DE)
AN APPROACH TO QUANTIFY INDIVIDUAL GAME EFFECTIVENESS IN BASKETBALL – THE VALUE OF DIFFERENT PERFORMANCE BASED INDICATORS IN THE CONTEXT OF COMPLEX GAME PLAY
- 15:00 Süss Vladimír, Pravečková Petra, Kračmar Bronislav, Matošková Petra (CZ)
THE ANALYSIS OF ONE-HANDED OVERHEAD THROWING
- 15:15 Vacenovský Pavel, Vencúrik Tomáš (CZ)
IMPROVEMENT OF REACTION TIME THROUGH A SEMESTER COURSE OF TABLE TENNIS FOR NON-ATHLETE STUDENTS
- 15:30 Vespalec Tomáš, Zvonař Martin, Pavlík Josef, Pavlík Jindřich (CZ)
BALANCE ABILITIES OF ADULT POPULATION IN RELATION TO THEIR PHYSICAL ACTIVITY

SAFETY IN PHYSICAL EDUCATION, SPORT AND LEISURE ACTIVITIES

conference room D

CHAIRS: Cynarski Wojciech, Pieter Willy

KEYNOTE LECTURES

- 13:00 Cynarski Wojciech (PL)
THE TRADITIONAL ART OF SWORDSMANSHIP AND ITS APPLICATION TODAY. A CASE STUDY OF ONE OF THE JAPANESE SCHOOLS
- 13:30 Pieter Willy (KR)
CEREBRAL CONCUSSIONS IN YOUNG AND ADULT ATHLETES: EPIDEMIOLOGY AND MECHANISMS
- 14:00 Cepková Alena (SK)
EVALUATION OF SPINAL POSTURE AT ATHLETES AND NON ATHLETES WOMEN
- 14:15 Kubíková Zdeňka, Zuchová Barbora (CZ)
FIRST EVALUATION OF A PROJECT OF THE AED DEPLOYMENT THROUGHOUT BRNO
- 14:30 Pokorná Alena, Vychodilová Renata, Vrtělová Hana (CZ)
WELLNESS FIT PROGRAMME AT THE UNIVERSITY SPORTS CENTRE DEPARTMENT
- 14:45 Reich Petr, Miklánková Ludmila, Elfmark Milan, Rehtik Zdeněk (CZ)
SOME ASPECT OF LIFESTYLE OF ADOLESCENTS AGED 16-17
- 15:00 Tulisová Zuzana (CZ)
WORKING CONDITIONS AND INJURIES OF STUDENTS AS A SOURCE OF STRESS OF PHYSICAL EDUCATION TEACHERS
- 15:15 Uher Ivan, Švedová Milena, Feč Rastislav, Buková Alena (SK)
LIFE STYLE AND ENVIRONMENT INFLUENCES ON BODY FAT IN ADOLESCENT'S POPULATION

POSTER SECTION
conference room E

13:00 – 16:00

Blažek Adam (CZ)

MARKETING PLANNING AND MANAGEMENT IN ELITE SPORT EVENTS - CZECH OPEN

Grmela Roman, Racek Oldřich, Ondruška Titus, Hejmalová Michaela (CZ)

ZHUANG-FU BENEFITS FOR MUSCLE SYSTEM IN FOOTBALL PLAYERS

Hanzlová Jitka, Juříková Jana, Malčíková Jana (CZ)

FITNESS EXERCISING FOR MUSCLES OF ABDOMEN, UPPER AND LOWER LIMBS

Hřešová Michaela, Cacek Jan, Bedřich Ladislav (CZ)

ACUTE EFFECT OF STATIC AND DYNAMIC STRETCHING ON SELECTED STRENGTH AND SPEED PERFORMANCE

Honková Kristýna (CZ)

THE INFLUENCE OF THE LEVEL OF PERFORMANCE IN DANCE SPORT ON STATIC BALANCE

Hřebíčková Sylva, Ondráček Jan, Labounková Romana (CZ)

USE OF AUDIOVISUAL SYSTEMS IN EDUCATION OF CYCLING TECHNIQUES

Hrouzek Michal, Seman Pavol, Stejskal Pavel, Janíková Andrea, Kohout Jan, Vodička Tomáš, Štulrajterová Lucia (CZ)

IMPACT OF PHYSICAL ACTIVITY ON QUALITY OF LIFE OF PATIENTS WITH HEMATOONCOLOGICAL DISEASES.
DIAGNOSTIC PART OF THE PILOT PROJECT.

Hubáček Ondřej, Zháněl Jiří (CZ)

OPINIONS OF THE COACHES ABOUT THE IMPORTANCE OF SOMATIC AND MOTOR PRECONDITIONS IN TENNIS

Juránková Michaela (CZ)

SEGMENT ANALYSIS OF MUSCLE BALANCE IN DIFFERENT AGE GROUPS OF WOMEN POPULATION IN THE CZECH REPUBLIC

Juříková Jana, Štinová Martina (CZ)

EATING HABITS AND PHYSICAL ACTIVITY OF CIVIL WORKERS AND SOLDIERS OF MILITARY UNIVERSITY OF GROUND FORCES

Kalichová Miriam, Studénka Ondřej (CZ)

COMPARISON OF COORDINATION ABILITIES IN FOLK DANCE DANCERS

Kasprzak Zbigniew, Pilaczyńska-Szcześniak Łucja, Śliwicka Ewa (PL)

SELECTED PARAMETERS OF CARBOHYDRATE METABOLISM AND THE COMPOSITION OF THE DIET IN MEN MARATHON RUNNERS

Klimešová Iva, Miklánková Ludmila (CZ)

DIETARY PATTERNS OF ELEMENTARY SCHOOL-AGED CHILDREN

Koláriková Andrea, Ondrušová Lucia (SK)

BODY STRUCTURE OF THE 1ST ACADEMIC YEAR STUDENTS AT FCHPT STU IN BRATISLAVA

Kouřil Jiří (CZ)

TRAGIC FATES OF ANCIENT GREEK SPORTSMEN

Kouřilová Pavla, Kalina Tomáš (CZ)

INFLUENCE OF GENDER, AGE AND PERFORMANCE LEVEL ON PACE CHANGES DURING MARATHON

Kuchár Tomáš, Ondrušová Lucia (SK)

OUTDOOR HIKING AND NATURE SPORTS IN THE LEISURE TIME OF THE 1ST ACADEMIC YEAR STUDENTS OF FMFI UK IN BRATISLAVA

Mach Jan (CZ)

THE BASIC COMPONENTS OF THE BASAL PSYCHICAL PERSONALITY INTEGRATION AMONG THE MALE SENIOR BIATHLON TEAM

Malaguti M., Cuconato M., Lorenzini A. (IT)
UNIVERSITY OF BOLOGNA EDUSPORT INTENSIVE PROGRAMME: A TEN YEARS HISTORY

Maleček Josef (CZ)
KINEMATIC ANALYSIS OF SELECTED VOLLEYBALL HITS OF DIFFERENT LEVEL

Mojžíš Milan, Hellebrandt Vladimír (CZ)
RELIABILITY VERIFICATION OF FITNESSGRAM TESTS

Nagyová Lenka, Ondrušová Lucia, Kyselovičová Oľga (SK)
THE COMPARISON EVALUATION OF INTENSION OF LOADING WITH TWO DIFFERENT METHODS OF LECTURES OF AEROBIC AND AQUAEROBIC AMONG UNIVERSITY STUDENT

O'Sullivan David M., Fife Gabriel P., Pieter Willy (KR)
EFFECTS OF REPEATED IMPACTS ON TAEKWONDO HEADGEAR ATTENUATION: A PILOT STUDY

Pajerová Eva, Hlavoňová Zuzana (CZ)
EFFECT OF ARM SPAN ON PERFORMANCE OF PLATE TAPPING TEST

Pařík Jan, Cacek Jan, Kalina Tomáš, Grasgruber Pavel (CZ)
THE EFFECT OF SPEED-STRENGTH TRAINING (WITHIN A TIME INTERVAL OF 48 H) ON RUNNING ECONOMY

Pavlík Jindřich (CZ)
THE INFLUENCE OF PLAYING PROCESSES ON THE SET RESULT IN VOLLEYBALL WITHIN RALLY

Pietraszewska Jadwiga, Burdukiewicz Anna, Stachoń Aleksandra, Andrzejewska Justyna, Chromik Krystyna (PL)
SOMATIC STRUCTURE AND MUSCLE STRENGTH IN JU-JITSU COMPETITORS AND STRENGTH SPORTS ATHLETES

Polách Michal, Zháněl Jiří (CZ)
LONG-TIME PURSUIT OF THE PERFORMANCE PREDISPOSITIONS LEVEL OF THE SELECTED TENNIS-PLAYERS – INDIVIDUAL PROFILES

Pruša Viktor, Tóth L. (CZ)
THE CAUSES OF UNSUCCESSFUL ACTIVITY IN BASKETBALL EDUCATION IN PRIMARY SCHOOLS OF OSTRAVA REGION

Reguli Zdenko, Vít Michal, Bugala Martin (CZ)
RESEARCH OF SOLUTION OF CONFLICT SITUATIONS AS PART OF SELF-DEFENCE THEORY IN COMPOSITE PROJECT. PILOT STUDY.

Rybářová Silvie, Novotný Jan (CZ)
REACTION OF MUSCULOSKELETAL STRUCTURES TO TRAINING LOAD OF SWIMMERS IN THE THERMO GRAPHIC IMAGE

Řezaninová Jana, Hrazdira Luboš, Králová Dagmar, Dovrtělová Lenka (CZ)
TESTING OF POSTURAL CONTROL AFTER ACUTE LATERAL ANKLE SPRAIN

San Juan Reylin, Pieter Willy (KR)
SHORT-TERM MONITORING OF MOOD IN COLLEGE JUDO ATHLETES

Seman Pavol, Hrouzek Michal, Stejskal Pavel, Janíková Andrea, Štulrajterová Lucia (CZ)
CONTROLLED PHYSICAL ACTIVITY TRIALS IN HAEMATO-ONCOLOGICAL SURVIVORS

Schickhofer Peter, Clementis Michal (SK)
STROKE RATE IN VARIOUS BOAT CLASSES IN ROWING DEPENDING ON BOAT SPEED AND WEIGHT CATEGORIES

Siriški Damjan, Pavlík Josef (CZ)
EVALUATION OF BODY COMPOSITION AND MOTORIC ABILITIES IN EXTREME CYCLING SPORTS

Skotáková Alena, Svobodová Lenka, Vaculíková Pavlína (CZ)
THE LEVEL OF GYMNASTIC SKILLS OF PUPILS AT BASIC SCHOOLS IN BRNO

Slámová Petra (CZ)
COMPARISON OF TWO TRAINING METHODS AND THEIR EFFECTIVENESS IN A FAT REDUCTION

Stachoń Aleksandra, Burdukiewicz Anna, Pietraszewska Jadwiga, Andrzejewska Justyna, Chromik Krystyna (PL)
THE COMPARISON OF MOTOR PERFORMANCE IN MEN TRAINING MATRIAL ARTS - JUDO AND JIU-JITSU
- ON THE BACKGROUND OF THEIR BODY BUILD

Svobodová Lenka, Vaculíková Pavlína, Skotáková Alena (CZ)
WEIGHT TRAINING FOR CHILDREN AND YOUTH

Šenkýř Jan, Čihounková Jitka, Kříž Ondřej (CZ)
TRADITIONAL EQUIPMENTS IN KARATEDO TRAINING

Šťastný Jan (CZ)
ELECTROMYOGRAPHY ANALYSIS OF THE MODIFIED BENCH PRESS EXERCISE AND ITS INFLUENCE ON MUSCLE
ACTIVITY OF M. PECTORALIS MAJOR A M. DELTOIDEUS ANTERIOR

Štulrajterová Lucia (CZ)
INFLUENCE OF DIETARY NITRATE SUPPLEMENTATION ON THE PHYSICAL PERFORMANCE AND THE AUTONOMIC
NERVOUS SYSTEM ACTIVITY IN HEALTHY (YOUNG) PEOPLE – PRELIMINARY STUDY

Tumová Veronika (CZ)
COMBAT IDEA IN STREETDANCE, BATTLE DANCE

Vaculíková Pavlína, Ciencialová Tereza, Skotáková Alena, Svobodová Lenka (CZ)
INCLUSION OF EXERCISES TO STRENGTHEN THE DEEP STABILIZATION SYSTEM TO PHYSICAL EDUCATION AT
PRIMARY AND SECONDARY SCHOOLS

Vala Roman, Cipryan Lukáš, Litschmannová Martina, Valová Marie (CZ)
ANALYSIS OF THE LOAD INTENSITY OF EXTRA-LEAGUE ICE-HOCKEY PLAYERS DURING A MATCH- A CASE STUDY

Valová Marie, Vala Roman, Fojtík Igor (CZ)
COMPARISON OF THE QUANTITY OF PHYSICAL ACTIVITY AND COORDINATION ABILITIES OF PUPILS OF URBAN
AND RURAL ELEMENTARY SCHOOLS

Vorlíčková Lucie, Korvas Pavel (CZ)
ACRAL COACTIVATION THERAPY IN SPORTS REHABILITATION: A PILOT STUDY FOR VERIFICATION OF PRESSURE
DISTRIBUTION OF ACRES

Vrubl Štěpán (CZ)
THE USE OF KINEMATIC ANALYSIS FOR PRACTICING STOP SHOOTING TECHNIQUE IN BASKETBALL

Zadarko Emilian, Zadarko-Domaradzka Maria, Barabasz Zbigniew, Czarny Wojciech (PL)
THE LEVEL OF LEISURE TIME PHYSICAL ACTIVITY OF STUDENTS VS. THE HEALTH LOCUS OF CONTROL

Zelko Aurel, Laczo Eugen, Cihová Iveta (SK)
EFFECTIVENESS OF CUSTOMIZED STRENGTH TRAINING IN ONCOLOGIC PATIENTS ON PHYSICAL FUNCTIONS,
MUSCLE AND BONE TISSUE: DESIGN OF RANDOMIZED CONTROL TRIAL

Friday, November 8

AGEING AND PHYSICAL ACTIVITY
conference room B

CHAIRS: Dancs Henriette, Hökelmann Anita, Kopřivová Jitka

KEYNOTE LECTURES

- 10:00 Dancs Henriette (HU)
SUSTAINABLE DEVELOPMENT OF SPORT AND THE AGEING PROCESS
- 10:30 Hökelmann Anita (DE)
"SUCCESSFUL AGING" WITH SPORT OR DANCE? CHALLENGES FOR SPORT SCIENCE
- 11:00 Gujar Tariq Ali, Hökelmann Anita (DE)
THE CORTICAL ELECTROENCEPHALOGRAPHY ACTIVITY DURING SENSORY ORGANIZATION TEST (SOT) OF YOUNG PEOPLE
- 11:15 Kopřivová Jitka, Žecová Zuzana (CZ)
THE EFFECT OF EXERCISE INTERVENTION ON SELECTED FUNCTIONAL ABILITIES OF SENIORS
- 11:30 Novotná Viléma, Šimůnková Iveta, Svobodová Kristina (CZ)
MOVEMENT AND PSYCHO-SOCIAL ASPECTS OF GYMNAS TIC PROGRAMS FOR „GOLDEN AGE“
- 11:45 Stecz Patryk, Kocur Józef (PL)
PHYSICAL ACTIVITY, STRESS, COPING AND LIFE SATISFACTION IN PATIENTS UNDERGOING TOTAL HIP REPLACEMENT
- 12:00 Zahedmanesh Foruzan (IR)
EFFECT OF PHYSICAL ACTIVITY ON SOME CARDIORESPIRATORY FACTORS (VO₂MAX, BLOOD PRESSURE, RESTING HEART RATE)

MISCELLANEOUS
conference room C

CHAIR: Nová Jana

- 10:00 Nová Jana (CZ)
THE ROLE OF THE TEACHING CASE STUDIES IN THE SPORT MANAGEMENT EDUCATION
- 10:15 Struhár Ivan, Dovrtělová Lenka (CZ)
IMPLEMENTATION OF CORE STABILITY PROGRAMME FOR FOOTBALLERS IN MIDDLE SCHOOL AGED
- 10:30 Vlček Petr (CZ)
DISCOURSE ABOUT CURRICULUM DEVELOPMENT IN PHYSICAL EDUCATION RECENT DEVELOPMENT IN EUROPE
- 10:45 Voborný Jiří (CZ)
IMPACT OF PSYCHOLOGICAL STATE OF FOOTBALL REFEREE BEFORE THE MATCH ON HIS PERFORMANCE
- 11:00 Vrbas Jaroslav (CZ)
HEART RATE CHANGEABILITY IN REPRESENTATION LESSONS OF PHYSICAL EDUCATION

SPORTS TRAINING, PROFESSIONAL SPORT
conference room D

CHAIRS: Knjaz Damir, Polák Michal

KEYNOTE LECTURE

- 10:00 Polák Michal (CZ)
THE LANCE ARMSTRONG CASE AND ITS INFLUENCE ON SPORT
- 10:30 Hupka Dušan (CZ)
BALANCE TRAINING AS AN INJURY PREVENTION IN VOLLEYBALL AND BASKETBALL
- 10:45 Malák Michal (SK)
MANIPULATION WITH INTENSITY LOAD OF ELITE CROSS-COUNTRY SKIERS DURING THE PRE-SEASON PERIOD
- 11:00 Mojžiš Michal, Paugschová Božena (SK)
DEPENDENCE OF THE PHYSICAL LOAD ON POSTURAL STABILITY AND SHOOTING PERFORMANCE IN THE BIATHLON
- 11:15 Thomas Andrew, Goodwin James (UK)
THE INFLUENCE OF MODIFIED WARM UP ON 100M FREESTYLE SWIMMING PERFORMANCE
- 11:30 Uvaček Marián (SK)
THE COMPARISON OF GAME PERFORMANCE IN BEACH VOLLEYBALL AT THE 2012 OLYMPIC GAMES IN THE FINAL MATCHES OF MEN AND WOMEN IN THE SELECTED GAMING ACTIVITIES
- 11:45 Vencúrik Tomáš, Nykodým Jiří (CZ)
HEART RATE RESPONSE TO GAME LOAD OF FEMALE BASKETBALL PLAYERS IN CATEGORY U19 AND SENIOR CATEGORY – A CASE STUDY