


## THURSDAY – OCTOBER 25, 2018

 Simultaneously interpreted from Czech (or Slovak) to English language

09:00 – 10:00 <i>Entrance Hall</i>	Check-in
10:00 – 10:30 <i>Red Hall</i>	Opening ceremony
10:30 – 11:30 <i>Red Hall</i>	<p>Keynote Speakers</p> <p><b>ASSESSMENT OF CORE STRENGTH AND POWER UNDER SPORT-SPECIFIC CONDITIONS</b> <i>Erika Zemková</i></p> <p><b>MOVEMENT INTERVENTION AS A TOOL OF THE INFLUENCE OF PHYSICAL FITNESS AND HEALTH</b> <i>Václav Bunc</i></p>
11:30 – 12:00 <i>Red Hall</i>	Sport Exhibition – Fencing
12:00 – 13:00 <i>Entrance Hall</i>	Lunch + Coffee Break
13:00 – 14:45 <i>Red Hall</i>	<p>Session I Chair: <i>Miroslav Petr, Charles University in Prague, Czech Republic</i></p> <p><b>DETERMINING GENDER AND DAYS DIFFERENCES IN ADOLESCENT PHYSICAL ACTIVITY LEVELS USING Pedometers in Nord-West Bohemia</b>  <i>Ladislav Bláha, David Cihlář</i></p> <p><b>PHYSICAL FITNESS AND LEVEL OF BODY COMPONENTS IN THE 11–15 YEAR OLD POPULATION IN WEST SLOVAKIA</b>  <i>Nora Halmová, Janka Kanasová, Ľuboslav Šiška</i></p> <p><b>LONGITUDINAL CHANGES IN PHYSICAL ACTIVITY, SEDENTARY BEHAVIOUR AND BODY FAT IN CENTRAL EUROPEAN WOMEN: PRELIMINARY FINDINGS</b>  <i>Jana Pelclová, Jana Hodonská, Zuzana Svozilová</i></p> <p><b>PRESENT TRENDS OF QUALITY OF LIFE IN UKRAINIAN POPULATION</b> <i>Iuliia Pavlova</i></p> <p><b>TENSEGRITY AND MYOFASCIAL SYSTEM IN SPORT</b>  <i>Eva Buchtelová, Kateřina Tichá</i></p> <p><b>WALKING AND BIKING IN THE CONTEXT OF SEDENTARY SOCIETY</b> <i>Aleš Sekot</i></p> <p><b>IMPACT OF BALANCE EXERCISES ON FUNCTIONAL MUSCULAR DISORDERS REMOVAL IN VOLLEYBALL PLAYERS</b>  <i>Janka Kanasová, Natália Czaková, Lenka Divinec, Alexandra Veis, Mária Solvesterová</i></p>

13:00 – 14:45

*Purple Hall*

## Session II

Chair: *Erika Zemková, Comenius University in Bratislava, Slovakia*

### **CONTRIBUTION TO THE DIAGNOSTICS OF FLOORBALL SKILLS OF FLOORBALL PLAYERS OF YOUNGER SCHOOL AGE**

*Zuzana Dragounová*

### **CONCONI TEST – RELIABILITY AND VALIDITY ASPECTS**

*Jan Hnízdl, Martin Škopek, Štefan Balkó, Martin Nosek, Oto Louka, Martin Musálek, Jan Heller*

### **SPORT TALENT IDENTIFICATION BASED ON MOTOR TESTS AND GENETIC ANALYSIS**

*Jaromír Šimonek, Radoslav Židek*

### **COMPARING THE QUALITY OF STEREOPSIS IN HANDBALL PLAYERS AND SWIMMERS AT THE AGE OF 5–10 YEARS**

*Václav Salcman, Jan Blecha*

### **ANAEROBIC PERFORMANCE IN 30s WINGATE TEST AS ONE OF THE POSSIBLE CRITERIA FOR CHOOSING CZECH HOCKEY PLAYERS INTO NATIONAL HOCKEY LEAGUE**

*Jan Heller, Pavel Vodička, Michael Janek*

### **MATCH CHARACTERISTICS AND RALLY PACE OF MALE TENNIS MATCHES AT THREE GRAND SLAM TOURNAMENTS IN 2017**

*Jan Carboch, Kristýna Plachá, Michal Sklenařík, Matěj Blau*

14:45 – 15:15

*Entrance Hall*

## Coffee Break

15:15 – 16:30

*Red Hall*

## Session III

Chair: *Ladislav Bláha, Jan Evangelista Purkyně University in Ústí nad Labem, Czech Republic*

### **IDENTIFICATION OF PREDICTORS IN AGILITY IN BASKETBALL** 🕒

*Pavol Horička, Jaromír Šimonek*

### **DIVING REFLEX MONITORING WITH CONNECTION TO FREEDIVING** 🕒

*Oto Louka, Jan Hnízdl, Tereza Louková*

### **EFFECTS OF PROTEINS ON MUSCLE MASS** 🕒

*Miroslav Petr*

### **ASSESSMENT OF THE COORDINATION SKILLS OF GIRLS IN DANCE SPORT** 🕒

*Hana Kabešová, Barbora Šišáková, Jitka Vaněčková*

### **THE INTERACTION OF PHYSICAL ACTIVITY, JOY OF MOVEMENT AND QUALITY OF LIFE OF HIGH SCHOOL STUDENTS AT DIFFERENT AGES** 🕒

*Jaroslav Brod'ani, Natália Kováčová*

15:15 – 16:30

*Purple Hall*

#### Session IV

Chair: *Jaromír Šimonek, Constantine the Philosopher University in Nitra, Slovakia*

**QUALITY OF BALANCE AND PRESSURE DISTRIBUTION OVER THE PRESSURE PLATFORM DURING DOUBLE-LEG STANCE IN YOUNG WOMEN**

*Pavel Korvas*

**THE ASSOCIATIONS OF PARTICIPATION IN ORGANIZED SPORT AND UNORGANIZED PHYSICAL ACTIVITY IN RELATION TO PHYSICAL ACTIVITY LEVEL AMONG ADOLESCENTS**

*Pål Lagestad, Camilla Sandvik, Laura Suominen, Idar Lyngstad, Hilde Mikalsen*

**ASSOCIATIONS OF BOUTED SEDENTARY TIME WITH THE PERCEIVED BUILT ENVIRONMENT IN CENTRAL EUROPEAN OLDER ADULTS**

*Jana Hodonská, Jana Pelclová, Zuzana Svozilová*

**WHAT'S IN IT FOR ME? YOUNG TEENAGERS' MEANING-MAKING EXPERIENCES OF MOVEMENT ACTIVITIES**

*Hilde Mikalsen, Pål Lagestad*

16:30 – 18:00

*Entrance Hall*

Posters

19:30 – 02:00

*Cafeteria*

Social Program

## FRIDAY – OCTOBER 26, 2018

 Simultaneously interpreted from Czech (or Slovak) to English language

10:00 – 11:00

*Red Hall*

### Keynote Speakers

#### **RUNNING BIOMECHANICS OF ATHLETES WITH HISTORY OF ACHILLES TENDON REPAIR**

*Daniel Jandačka*

#### **MARTIAL ARTS IN THE CONTEXT OF HEALTH**

*Jacek Wąsik*

11:00 – 11:30

*Entrance Hall*

### Coffee Break

11:30 – 13:00

*Red Hall*

### Session V

Chair: *Daniel Jandačka, University of Ostrava, Czech Republic*

#### **VERTICAL JUMP PERFORMANCE IN FEMALE VOLLEYBALL PLAYERS**

*Soňa Jandová, Miroslav Janura*

#### **SPEED ANALYSIS OF THE BREASTROKE PULL-OUT USING SwIMU SYSTEM**

*Jan Šťastný, Michaela Bátorová, Jaroslav Motyčka*

#### **INFLUENCE OF DIFFERENT LOAD OF SCHOOLBAG ON PLANTAR PRESSURE IN PRIMARY SCHOOL PUPILS**

*Štefan Balkó, Marek Jelínek, Kateřina Pavlíková, Piotr Gronek*

#### **GROUND REACTION FORCES DURING ROLLER SKIING ON THE ASPHALT AND ON THE TREADMILL – CASE STUDY**

*Martina Chrástková, Soňa Jandová*

#### **COMPARATIVE ANALYSIS OF THE KAYAK FORWARD STROKE**

*Martin Škopek, Radka Bačáková, Kristýna Tunková*

#### **DIGITAL LITERACY IN PHYSICAL EDUCATION**

*Martin Nosek, Štefan Balkó*

11:30 – 13:00

*Purple Hall*

## Session VI

Chair: *Zbigniew Borysiuk, Opole University of Technology, Poland*

### **TO MOVE AND TO BE MOVED – EXPLORING CHILDREN’S OWN MOVEMENT AND INTERACTIONS IN PHYSICAL EDUCATION**

*Laura Suominen*

### **THE PERSONALITY OF THE PHYSICAL EDUCATION TEACHER: A SCOPING REVIEW**

*Melina Schnitzius, Alina Kirch, Sarah Spengler, Filip Mess*

### **PRO-SOCIAL AND ANTISOCIAL VALUES IN PHYSICAL EDUCATION: THE VALIDITY AND RELIABILITY OF FAIR PLAY QUESTIONNAIRE IN PHYSICAL EDUCATION (FPQ-PE) – ALBANIAN LANGUAGE**

*Eridiola Buzi, Juel Jarani, Emanuele Isidori*

### **FINDINGS ON STUDENTS’ PERSONALITY IN THE CONTEXT OF PHYSICAL EDUCATION: A SCOPING REVIEW**

*Alina Kirch, Melina Schnitzius, Sarah Spengler, Filip Mess*

### **FOLK OUTDOOR GAMES IN “HEALTHY CHILD AT SCHOOL AND IN THE FAMILY” PROJECT**

*Natalia Beseda*

### **PHYSICAL LITERACY AND ITS ATTRIBUTES FOR LIFELONG LEARNING IN ADOLESCENT POPULATION**

*Jana Vašíčková*

13:00 – 13:15

*Red Hall*

Closing Ceremony

## **POSTER LIST** ENTRANCE HALL (OCTOBER 25, 16:15 – 17:45)

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### **INFLUENCE OF INCREASE OF SENSOMOTOR TASK DIFFICULTY ON NEURAL SYSTEM AROUSAL AND MOTORIC PERFORMANCE**

*Daniela Benešová, Karel Švátora*

### **USE OF VIRTUAL REALITY IN SPORTS, REHABILITATION AND PHYSICAL EDUCATION**

*Josef Heidler, Tomáš Edl, Štefan Balkó*

### **KINEMATIC ANALYSIS OF HIP ANGLE PARAMETERS OF MAE-GERI KICK**

*Monika Błaszczyszyn, Zbigniew Borysiuk, Agnieszka Szczesna, Magda Pawlyta, Maciej Marszałek, Dariusz Karczmit*

### **THE FLEXIBILITY OF PUPILS AT SECOND LEVEL OF PRIMARY SCHOOLS**

*Natália Czaková, Ľubomír Paška, Jaromír Šimonek, Janka Kanášová, Lenka Divinec*

### **THE FEATURES OF PHYSICAL HEALTH INDICATORS AS DETERMINANT OF LIFE QUALITY OF THE PARTICIPANTS IN FIGHTINGS OF UKRAINE**

*Svitlana Indyka, Nataliia Bielikova, Anatolii Tsos, Olga Andrijchuk, Dorota Ortenburger, Jacek Wąsik*

### **THE INFLUENCE OF THE EXPERIMENTAL TEACHING PROGRAMME ON CHANGES IN THE LEVEL OF BASKETBALL SKILLS OF ELEMENTARY SCHOOL PUPILS**

*Andrea Izáková, Gustáv Argaj, Karel Hůlka, Jaroslava Argajová*

### **THE INFLUENCE OF SPORTS PREPARATION ON THE LEVEL OF AGILITY IN TOP HOCKEY PLAYERS**

*Jaroslav Krajčovič, Pavol Horička, Ľubomír Paška*

### **SETTING THE CORRECT SITTING POSITION ON THE BICYCLE AS A BASIC PARAMETER EFFICIENT PEDALING**

*Jan Kresta, Martin Škopek*

### **MOTOR FITNESS IN PREMATURELY BORN CHILDREN AT THE AGE OF 6**

*Magdalena Lelonek, Monika Zaręba*

### **PHYSICAL ACTIVITY IN FREE TIME IN 6-YEAR-OLD CHILDREN BORN PREMATURELY AND AT DUE TIME**

*Magdalena Lelonek, Monika Zaręba*

### **LIFE SATISFACTION OF PHYSICAL EDUCATION TEACHERS AGAINST THE SELECTED PROFESSIONAL CONDITIONS AND SOCIO-CULTURAL FACTORS**

*Paweł F. Nowak*

### **COMPARISON OF AGGRESSION IN THE PERSPECTIVE OF PERFORMANCE MOTIVATION AND SPORT PERFORMANCE AMONG THE FOOTBALL PLAYERS**

*Miroslava Rošková, Lenka Ďuricová, Beata Žitniaková Gurgová*

### **USE OF THE BRUININKS-OSERETSKY TEST OF MOTOR PROFICIENCY, SECOND EDITION IN SCHOOL PRACTICE**

*Iva Šeflová, Luděk Kalříř, Indráčková Karolína*

### **EFFECTS OF TAURINE AND CAFFEINE PRODUCT ON SIMPLE AND COMPLEX REACTION TIMES**

*Martin Škopek, Ivo Horák*

### **PHYSICAL PERFORMANCE CAPACITY AND FUNCTIONAL STATE OF MEN AND WOMEN SPECIALIZING IN MIDDLE-DISTANCE RUNNING DURING MESOCYCLE**

*Olha Roda, Svitlana Kalytka*

### **THE RELATIONSHIP BETWEEN ISOKINETIC HIP ROTATORS TORQUE AND REACTION FORCES DURING FRONT KICK IN TRAINED SOLDIERS**

*Petr Šťastný, Michal Vágner, Jan Maleček*

### **THE STATE OF PHYSICAL ACTIVITY OF HIGHER INSTITUTION STUDENTS IN UKRAINE**

*Anatolii Tsos, Vasyl Pantik, Anna Halytska, Juliia Khilchuk*

### **TAPING AS A METHOD OF FLATFOOT CORRECTION IN ATHLETES**

*Jana Pyšná, Ladislav Pyšný, Dominika Petřů*

**SLACKLINE® AS MEANS OF KINESIOTHERAPEUTIC INTERVENTIONS OF INSTABILITY OF THE KNEE JOINT**

*Kateřina Tichá, Eva Buchtelová*

**USE OF KINESIO TAPING IN SELECTED ACUTE AND CHRONIC SPORTS INJURIES**

*Ladislav Pyšný, Kateřina Fouskova, Jana Pyšná, Dominika Petřů*