



## **ORAL PRESENTATIONS ON FRIDAY THE 27<sup>th</sup> 8.45-10.15**

### **I MOTOR DEVELOPMENT AND MOTOR LEARNING**

8.45 Relationships between perceived social support, physical literacy, and physical functional capacity (Move!) in 8-13-year-old children. Arto Laukkanen, Donna Niemistö, Elina Sarkkinen, Nanne-Mari Luukkainen, Arja Sääkslahti

9.00 Assessing Fundamental Motor Skills with AI: Validity and Reliability of the FUS test for Jumping Rope. Hubert Makaruk, Jared M. Porter, E. Kipling Webster, Beata Makaruk, Mariusz Buszta, Jerzy Sadowski

9.15 The Ecological Dynamics of Functional Movement Variability in Single Rope Speed Sprint. Margarida Vaz de Carvalho, Henrique Lopes, Henrique Brito, Adriano Carvalho, Duarte Araújo

9.30 What makes a creative player: linking cognitive creativity, motor creativity and brain network in sport. Zania Tan, Xi En Zania Tan

9.45 Learning in a creative context of practice: The effect of practicing within versus outside of the metastable zone. John Komar, Shin Lee, Alicia Goodwill

10.00 Expanding Skill Acquisition as a Domain: The Lessons and Learnings from Developing an MSc in Skill Acquisition in Sport. Sam Jermyn, Alan Dunton, Cian O'Neill, Edward Coughlan

### **II ENVIRONMENTS FOR MOTOR LEARNING**

8.45 Ultimate Handball as a Constraints-based Participation Pathway to Youth Sport and Physical Activity. Tony Moreno, Allison Bell

9.00 A Department of Methodology: A feasible framework to integrate the applied practice of multidisciplinary support teams. Sam Hydes, Ben Strafford, Martyn Rothwell, Joseph Stone, Keith Davids, Fabian Otte

9.15 Alterations in Pitch Dimensions Reveal Time-Dependent Effects in Soccer Players' Collective Behavior. Albert Deuker, Robert Rein, Tobias Vogt, Manuel Basek

9.30 Game-Scape: a game-based framework for aligning multi-disciplinary teams in skill adaptation. Harvey Anderson

9.45 Impact Of A Skill Acquisition Framework-Based Intervention Programme On Coaches' Knowledge And Practice. Clenyce Zi-Xin Tan, Neha Malhotra, Jia Yi Chow

10.00 Skill-related Muscular Strength and Physical Activity Intensity Levels in Middle Eastern Female College Students. Arto Gråstén, Gehan Handouk, Balazs Gabor, Jamal Alnuaimi



### **III ECOLOGICAL DYNAMICS**

8.45 Task ambiguity in ecological dynamics and its implication for decision making in sport. Jack Bale, Jack Bale, Jon Wheat, Kane Middleton, Keith Davids

9.00 Decision-making in judo as bifurcations of the fighter-fighter system guided by affordances from relative body orientation misalignments. Henrique Lopes, Henrique Lopes, Daniel Carrilho, Margarida Vaz de Carvalho, Adriano Carvalho, Henrique Brito, Duarte Araújo

9.15 Visual Exploratory Behaviour in Elite Ice Hockey: A Pilot Study. Vladislav Bespomoshchnov, Geir Jordet

9.30 Pre-Service Routines in Tennis: The Role of Functional Variability on Expert Performance. Adriano Carvalho, Adriano Carvalho, João Carvalho, Catarina Belchior, Daniel Carrilho, Henrique Brito, Henrique Lopes, Margarida Vaz de Carvalho, Duarte Araújo

9.45 Rugby Sevens Is Not A 'Mini Version' of Rugby Fifteens: Proposing An Integrated Performance Analysis Model for Rugby Sevens. Zhanyu Huang, Keith Davids, Joseph Antony Stone, Martyn Rothwell

10.00 Play-Ups and Constraints during Offense in Floorball. Goh Khee (Wu Qi) Goh, John Komar

### **IV MOTOR LEARNING AND SKILL ACQUISITION**

8.45 Profiling the different types of laterality in high-performance male and female Gaelic footballers. Karol Dillon, Phillip Kearney, Ian Sherwin

9.00 Enhancing the learning of sports skills through verbal feedback. Tomasz Niżnikowski, Jerzy Sadowski, Andrzej Mastalerz, Marta Nogal, Michał Biegajło, Weronika Łuba-Arnista, Paweł Arnista, Paweł Różański

9.15 Measures of climbing fluency in bouldering: An exploratory study. Chen Lim, Phillis Teng, John Komar

9.30 Challenges for the adaptable coach: Considerations for applying skill acquisition theory to practice. Alan Dunton, Philip E. Kearney, Edward K. Coughlan, Oliver Logan

9.45 Enhancing Skill Development in Gaelic Games: Developing a Skill Acquisition Guide for Coaches in a Sport National Governing Body. Edward K. Coughlan, Philip E. Kearney, Wesley O'Brien, Paul Kinnerk, Molly Dunne, Donie Buckley, Carla McCabe, Martin Kennedy

10.00 Beyond drills: Examining the effectiveness of complexity-informed motor learning interventions. Christian Thue Bjørndal, Bjørnar Berge, James Robert Rudd



## **POSTER PRESENTATIONS ON THURSDAY 16.30-17.30**

1. Play to train – Using open play to improve closed skill acquisition in soccer. Robert Rein, Albert Deuker, Leonard Meyer, Björn Braunstein
2. Evaluating General Motor Test Battery Interventions for Primary School Children in Germany: Challenges and Insights from Stakeholders. Aaron Gröne, Lilli Ulrich
3. Development of a methodology for the creation of tools for the assessment of skills in sports games. Lukáš Chmelíř, Tomáš Perič, Roman Vala
4. Children's outdoor time and multisport participation predict motor competence three years later. Nanne-Mari Luukkainen, Nanne-Mari Luukkainen, Arto Laukkanen, Donna Niemistö, Arja Sääkslahti
5. Examining the Longitudinal Relationship between Physical Literacy and Physical Activity in Adolescents: A Cross-Lagged Panel Model. Sami Yli-Piipari, Junhyuk Park, Sanga Yun, Mikko Huhtiniemi, Timo Jaakkola, Arto Gråstén
6. The Role of External Focus and Task-Relevant Autonomy in Motor Learning. Agata Chaliburda, Jerzy Sadowski.
7. Enhanced verbal feedback and the effectiveness of learning complex motor skill. Marta Nogal, Michał Biegajło, Tomasz Niźnikowski
8. The Effects of Attentional Focus Strategies on Jumping Performance Across Discrete, Serial, and Continuous Tasks. Marcin Starzak, Tomasz Niźnikowski, Janusz Zieliński, Anna Starzak
9. The implementation of Half Ice Hockey in Canada - what does research say? Jean Lemoyne
10. Pedagogical approaches to strength training. Christian Helland
11. An ecological dynamics perspective on whether the manipulation of task constraints influences children's emergent gameplay behaviours during small-sided games. Joseph Iggulden, Brett Wilkie, Alastair Jordan
12. Martial arts skills development by using automatic multiple stationary cameras. Martti Pitkanen, Sampo Pajulampi