

# Oral session 1 (Kunto)

## 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** Visual Exploratory Behaviour in Elite Ice Hockey: A Pilot Study. Vladislav Bepomoshchnov, Geir Jordet

**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



# Oral session 2 (Auditorio)

## 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 Bassek

**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



# Oral session 3 (Mirror hall)

## 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** 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** 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

Fifth Scientific Conference on

**MOTOR SKILLS  
ACQUISITION**

26.-28.3.2025



# Oral session 4 (Järvi-Maikkala)

## 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

