



INTERNATIONAL RESEARCH CONFERENCE IN SPORT SCIENCES

Promoting international and transdisciplinary
cooperations beyond the borders of Sport Sciences

A French-Swedish initiative

ÖREBRO UNIVERSITY, SWEDEN
APRIL 22 AND 23, 2024





International research conference - a french-swedish initiative

Sport sciences

In Örebro (Sweden) - April 22 and 23, 2024

Day 1: Gymnastik och Idrottshuset, Örebro University, April 22nd 2024

Room G1

12:00 - 13:00: Registration, set-up of the posters - A light lunch and coffee will be served.

Room Hörsal G

13:00 - 13:05: The Division of Sport Science welcome the participants, **Elodie Ponsot**, Assoc. Pr., Head of the Division of Sport Sciences at Örebro University (Sweden)

13:05 - 13:25: Opening of the conference, **Johan Schnürer**, Örebro University Vice-Chancellor, and **Etienne de Gonneville**, the Ambassador of France to Sweden

13:25 - 13:40: Sustainability in research from a transdisciplinary perspective, **Pr. Eva Särndahl**, Director of iRiSC center, Örebro University

13:40 - 15:25: Technologies in Sport

Chair: **Anna-Maria Moro Strittmatter**, PhD, Division of Sport Science, School of Health Sciences, Örebro University

- **13:40:** *Technological innovation for athletes*, **Pr. Denis Bertin**, CNRS, Aix-Marseille (France)
- **14:00:** *Digital Twins in Exercise Training*, **Stina Lundgren Högbom**, PhD, Director of Sports Technology and Innovation at Svexa (Sweden)
- **14:20:** *Technology and data mining to performance analysis in sport*, **Pr. Ludovic Seifert**, Deputy Dean of Cetaps, University of Rouen (France)
- **14:40:** Questions, discussion with the audience
- **15:05: Early career researchers - Oral presentations (*YIA):**
 - ***O1.** *Don't buy a pig in a poke: Considering challenges of and problems with performance analysis technologies in Swedish men's elite football*, **Robert S Primus***, PhD, Division of Sport Science, School of Health Sciences, Örebro University (Sweden)
 - ***O2.** *Collective behavior in team sports: an analysis from positional data*, **Pierre Vauclin***, CETAPS UR 3832, University of Rouen (France)

Room G1

15:30 - 16:40: Early career researchers - Poster session - a swedish Fika will be served

Chair: **Elodie Ponsot**, Associate Professor, Division of Sport Science, School of Health Sciences, Örebro University; **Dean Barker**, Associate Professor, Division of Sport Science, Örebro University; **Valérie Lemarquand**, Attaché for Science and Higher education, French Embassy to Sweden

Room Hörsal G

16:45 - 17:45: Perspectives from French and Swedish Sport National Organizations.

Chair: **Mattias Folkesson**, PhD, Division of Sport Science, School of Health Sciences, Örebro University

- *How research programmes can help national teams perform in the run-up to the Paris 2024 Olympic and Paralympic Games*, **Amir-Tahmaseb Babak**, International relations Director at INSEP (France)
- *Dual careers, an easy path to success at the Swedish National Sports Universities and Elite sports-friendly universities*, **Kent Lindahl**, Riksidrottsuniversitet (RIU) and Elitidrottsvänliga lärosäten (EVL) (Sweden)
- *Advancing Performance: The role of technology in Swedish elite sports - a few examples*, **Mikael Swarén**, Researcher, Dalarna University; Project Manager, Swedish Olympic Academy, KTH Royal Institute of Technology (Sweden)



Day 2: Gymnastik och Idrottshuset, Örebro University, April 23rd 2024

Outside of Hörsal G:

8:00 - 8:30: Welcome Coffee and registration point.

Room Hörsal G

8:30 - 8:45: Opening by **Mia Von Euler**, Dean of the Faculty of Medicine and Health, Örebro University

8:45 - 10:45: Sport and Health

Chair: **Fawzi Kadi**, Professor, Division of Sport Science, School of Health Sciences, Örebro University

- **8:45:** *Dose-response associations between physical activity, sedentary time and health*, **Pr. Ulf Ekelund**, Department of Sports Medicine, Norwegian School of Sport Sciences (NIH) (Norway)
- **9:05:** *Physical activity for brain health over the lifespan – figuring out the physiological mechanisms to inform interventions*, **Pr. Maria Ekblom**, Department of Physical Activity and Health, Section for Health Science, The Swedish School and Health Sciences (GIH), Stockholm (Sweden)
- **9:25:** *Health Promoting Sports Clubs: From theory to action*, **Assoc. Pr. Aurélie Van Hoyer**, University of Lorraine (France)
- **9:45:** *Adolescent physical activity and health perceptions across Europe and North America*, **Pr. Oddrun Samdal**, University of Bergen (Norway)
- **10:05:** Questions, discussion with the audience
- **10:20: Early career researchers - Oral presentations (*YIA):**
 - ***03.** *The active transport opportunity: the best way to promote resilient behaviour*, **Thibaut Derigny**, PhD, Sport Sciences, University of Pau and Pays de l'Adour (France).
 - ***04.** *Are hospital and community based physical activity program really effective in changing physical activity behaviour: a mixed method study*, **Olivier Riquier***, PhD, LAMHESS, University of Cote d'Azur (France).
 - ***05.** *The effect of pre-training caffeine intake on session-related demands and post-exercise recovery in basketball: A pilot study*, **Marco Pernigoni***, PhD student, Department of Coaching Science, Lithuanian Sports University (Lithuania)

10:45 - 11:00: Fika break

11:00 - 12:00: Perspectives from French and Swedish Health National Organizations

Chair: **Susanna Geidne**, Associate Professor, Division of Sport Science, School of Health Sciences, Örebro University

- *French Public Health Agency : Two Research and Development projects on physical activity among adolescents (ICAPS) and in sport clubs (PROSCeSS)*, **Florence Rostan**, Health Promotion Officer at Santé Publique France
- *Physical activity - a tool for the national public health policy*, **Marita Friberg**, PhD, Senior analyst, Folkhälsomyndighet

12:00 - 12:15: Young Investigator Award for oral and poster categories

12:15 - 12:30: Presentation of the actions of the French Institute to Sweden within Research and Higher Education

Valérie Lemarquand, Attaché for Science and Higher education, French Embassy to Sweden

12:30 - 12:45: Conclusions and perspectives by the organizers

Elodie Ponsot and **Valérie Lemarquand**

12:45 - 13:45: Coffee and spontaneous interactions between participants - A light lunch and coffee will be served.

The conference is free of fee and all presentations will be in English.

Any questions on the event? Contact us:

- French Institute in Sweden - Embassy of France in Sweden (science@ifsuede.com)
- The University of Örebro (sportscienceorebro24@oru.se)



Early career researchers - Poster Session (*YIA) - Room G1

- P1.** *Take a ride on a lifelong journey! A physical literacy school-based intervention to safely engage adolescents in active transport,* **Thibaut Derigny**, PhD, Sport Sciences, University of Pau and Pays de l'Adour (France).
- *P2.** *Towards a more individualised assessment of post-training fatigue in young footballers,* **Adrien Mangini***, PhD student, CNRS, University of Aix-Marseille (France)
- P3.** *Physical Training for Patients with Depression and Anxiety - A Randomized Controlled Study,* **Zhai Qiwei**, PhD student, School of Medical Sciences, Örebro University (Sweden)
- *P4.** *The abuse narrative in sport: The findings of a framework synthesis literature review,* **Fanny Kuhlin***, PhD student, Division of Sport Science, School of Health Sciences, Örebro University (Sweden).
- P5.** *Friluftsliv in Physical Education Teacher education practice – its challenges, conflicting meanings and negotiations,* **Karin Sjödin**, PhD, Division of Sport Science, School of Health Sciences, Örebro University (Sweden).
- P6.** *Sexual Revictimization by Peers in School and Organized Activity Contexts among Adolescents: A three-year Longitudinal Study,* **Darun Jaf**, PhD, Division of Sport Science, School of Health Sciences, Örebro University (Sweden).
- P7.** *Prioritization of the Sustainable Development Goals in the Sustainability Transition Process of Sport Organizations: National Strategies and Sport Managers' Perspectives,* **Anna-Maria strittmatter**, PhD, Division of Sport Science, School of Health Sciences, Örebro University (Sweden).
- P8.** *Beginning teachers' descriptions of ball games as pedagogic practice in Swedish physical education,* **Jan Mustell**, PhD student, Division of Sport Science, School of Health Sciences, Örebro University (Sweden).
- P9.** *Associations between abdominal pain and physical activity in young girls with functional abdominal pain disorders,* **Mattias Folkesson**, PhD, Division of Sport Science, School of Health Sciences, Örebro University (Sweden).
- P10.** *Sport for Breast Cancer Survivors. Focus on Dragon Boat paddling: the examples of Sweden and France,* **Bénédicte Berké**, Assoc. Pr., University of Bordeaux (France).
- P11.** *What health resources do older adults find meaningful for participation in organized sport?,* **Helena Ericson**, PhD, Division of Sport Science, School of Health Sciences, Örebro University (Sweden).
- *P12.** *Experiences, Attitudes, and Perceived Competence Regarding Sustainable Development Among Physical Education and Health Teachers in Sweden*,* **Petter Wiklander***, PhD student, Department of Food and Nutrition, and Sport Science, University of Gothenburg (Sweden)
- P13.** *Walking Classroom – sustainable movement in education?,* **Rasmus Karlander**, PhD student, Division of Sport Science, School of Health Sciences, Örebro University (Sweden).
- *P14.** *Defining Health Promoting Sports coaches: a systematic review,* **Kevin Barros***, PhD student, UMR1319 INSPIIRE, University of Lorraine (France).