



# forthem.

## Sports and Movement Science

PRELIMINARY PROGRAM of FORTHEM SPORTS SCIENCE WEBINAR

28 November 9-12am

**PLEASE NOTE THAT ALL TIMES INDICATED BELOW ARE CET (PARIS) TIMES**

### Opening

9:00 Opening comments, presentation of organizers and student opportunities

### Sports Performance (moderator: Dr Stephen Seiler)

9h15 The use of technology for the improvement of beach volleyball performance. Joaquin Marzano (U. Valence)

9h30 Does the saddle setback have an impact on amateur cyclists. Julia Rizo (U. Valence)

### Nervous System, Muscle and Movement (moderator: Dr Florent LeBon)

9h45 Inter-Brain Synchronization of EEG-alpha rhythms in auditory-cognitive processing. Interindividual Circular Coherence in understanding of familiar and unfamiliar language – and the relevance for motor processes. Varel Marc. (Johannes Gutenberg University)

10h00 Effect of combined electrical stimulation and muscle lengthening on torque development. Antoine Pineau (U. Burgundy)

### Pause

10h30 Train your brain by training your body. The FAB study (fitness, aging, bilingualism) - Associate Professor Hilde Lohne Seiler and PhD candidate Sindre Fosstveit (U. Agder)

## **Artificial Intelligence and Motor Activity (moderator: TBA)**

10h45 Artificial Intelligence in Gait Analysis, Sailee Sansgiri (U. Jyväskylä)

## **Sports Psychology (moderator: Dr Montse Ruiz Cerezo)**

11h00 Young Athletes' Experiences in Team Sport: The Role of Physical and Psychosocial Influencing Factors. Jesper Barth Bugten (U. Agder)

11h15 Closing Remarks, Discussion and Cultural Exchange

### **Organizers:**

Dr Joan Úbeda Colomer/ Dr Pedro Perez (University of Valencia)

Dr Michael Doppelmayr (Johannes Gutenberg University Mainz)

Dr Taija Juutinen (University of Jyväskylä, Finland)

Dr Stephen Seiler (University of Adger, Norway)

Dr Elizabeth Thomas (University of Burgundy)

The following link can be used to access the meeting. Please try to connect 5 minutes before the start of the meeting. Do be patient. It takes a bit of time for the connection.

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_N2U3NWQ0YTAzMzk3My00NDg1LWJkYTIzMjA1ZjA5YzQ5Mjhi%40thread.v2/0?context=%7b%22Tid%22%3a%22fa58faf-7eb1-48b9-9964-a92659d1c5b8%22%2c%22Oid%22%3a%22dff0ac74-59a6-4523-bbbd-8a8c4ac4bded%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_N2U3NWQ0YTAzMzk3My00NDg1LWJkYTIzMjA1ZjA5YzQ5Mjhi%40thread.v2/0?context=%7b%22Tid%22%3a%22fa58faf-7eb1-48b9-9964-a92659d1c5b8%22%2c%22Oid%22%3a%22dff0ac74-59a6-4523-bbbd-8a8c4ac4bded%22%7d)