

International Workshop: A focus on statistical methods to analyse accelerometer-measured physical activity

08:00 - 09:00

Registration

09:00 - 09:30

Welcome and Introduction to this Workshop

Pilar Aranda/Enrique Herrera, Jonatan R. Ruiz

Workshop Chairman: Dr. Francisco B. Ortega. PROFITH research group. University of Granada, Spain.

09:30 - 10:30

Dr. Lars Bo Andersen. "An historical perspective on the evaluation of Accelerometry methods and analysis". Western Norway University of Applied Sciences, Norway.

Dr. Børge H. Hansen. "Accelerometer data pooling experiences from two projects (ICAD and DEDIPAC) and isothermal substitution". Norwegian School of Sport Sciences, Oslo, Norway.

10:30 - 11:00

Poster Presentation Session

11:00 - 11:30

Coffee break - Poster exhibition

11:30 - 13:30

Dr. Duncan E. McGregor. "Compositional data analysis – why and how to do it?". Glasgow Caledonian University, Glasgow, Scotland, UK.

Dr. Sebastien Chastin. "Compositional data analysis applied to physical activity data". Glasgow Caledonian University, Glasgow, Scotland, UK.

Dr. Olav M Kvalheim. "Multivariate pattern analysis – why and how to do it?" University of Bergen, Bergen, Norway.

Dr. Eivind Aadland. "Multivariate pattern analysis applied to accelerometry physical activity data". Western Norway University of Applied Sciences, Norway.

13:30 - 14:30

Lunch and poster exhibition

14:30 - 15:15

Selected Oral presentations

15:15 - 16:15

Dr. Alex V. Rowlands. "Data-driven, meaningful, easy to interpret, standardised accelerometer outcome variables for global surveillance". University of Leicester, United Kingdom.

Dr. Vincent van Hees. "Machine learning applications to segment physical activity time series data: Activity types, intensity levels, and how to make it interpretable and sustainable". Independent consultant, Amsterdam, The Netherlands.

16:15 - 16:45

Coffee break - Poster exhibition

16:45 - 17:45

D. Jairo H. Migueles. "Workshop on accelerometer data processing using GGIR package in R: Bring your laptop if you want to practice!". University of Granada, Granada, Spain

17:45 - 18:00

Closing remarks

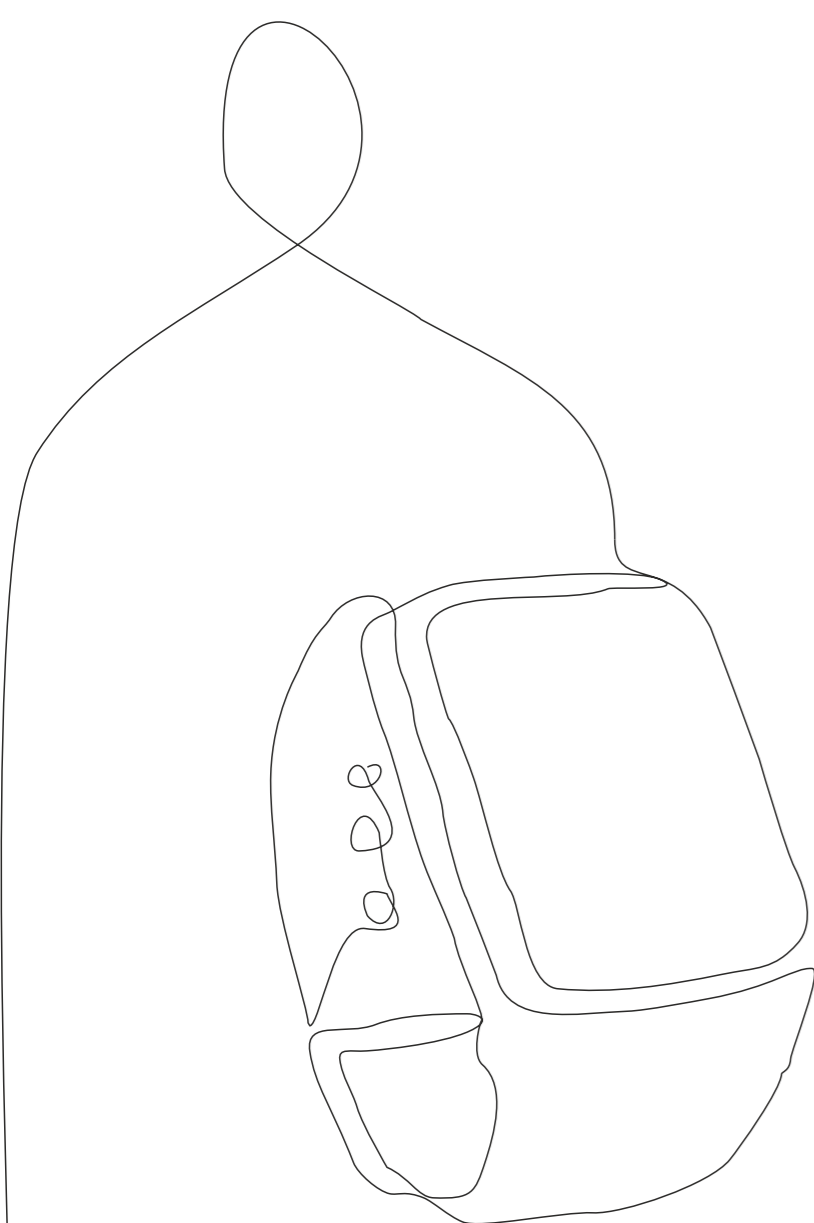
Dr. Francisco B. Ortega. & D. Jairo H. Migueles. PROFITH research group. University of Granada, Spain.

19:30

Cultural running

GRANADA · 21st OCTOBER 2019

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Organization and Collaborators:



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