

ENGINEERING METHODOLOGIES FOR MEDICINE AND SPORT

International Workshop to be held at University of Rome Tor Vergata (Italy)
Organized by the PhD Programme in Industrial Engineering

https://www-2023.phdindustrialengineering.uniroma2.it/?page_id=6397

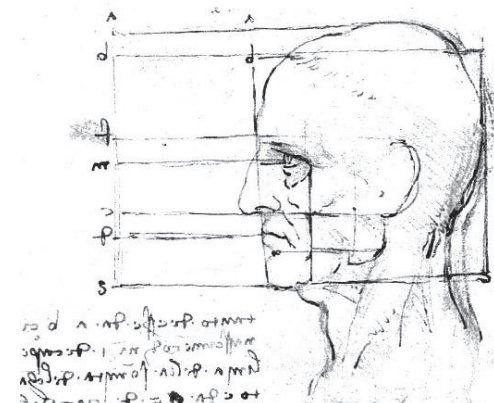
February 7-9 2024



1st ANNOUNCEMENT

A workshop devoted to the last acquisitions in the field of engineering solutions applied to medicine and sport

In preparing the abstract and paper please follow the Springer conference-proceedings guidelines at: <https://www.springer.com/gp/authors-editors/conference-proceedings/editors/word-template/19338734> and submit to: staderini@med.uniroma2.it within the deadlines indicated here



MANDATORY DEADLINES

November 15th 2023 Authors, title, abstract due
January 31st 2024 Papers in final form due
April 30th 2024 Revised papers ready for publication

TOPICS OF INTEREST

Materials

- Advanced biomaterials
- Biodegradable implants
- Additive manufacturing of prosthesis
- Surface design, treatments and functionalization
- Fabrication of bioreactors

Rehabilitation

- Design of biomechanical devices
- Development of new technologies and software
- Good practices, technology and domotics
- Rehabilitation and prevention

Medicine

- AI applications to medicine
- Biosensors
- Medical signal analysis
- Medical sensors
- Environmental detection and monitoring of substances dangerous for health
- Biomechanics

Sport

- Assessment of sport performance
- Sport activity as a diagnostic device

SCIENTIFIC COMMITTEE

Andrea Böhme
Vincenzo Bonaiuto
Massimiliano Febbi
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Roberto Montanari
Maria Richetta
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ORGANIZING COMMITTEE

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Emilio Panichi

THE ATTENDANCE TO THE WORKSHOP IS FREE

After peer reviewing the contributions to the workshop will be collected in a book published by Springer in the “Mechanism and Machine Science Series» (Massimiliano Febbi, Roberto Montanari, Maria Richetta and Enrico M. Staderini Eds.).

