



# 8<sup>th</sup> International Workshop on New Trends in Medical and Service Robots MESROB 2023



June 7-10, 2023  
Craiova, Romania

The aim of the conference is to provide an international platform for researchers, engineers and PhD students involved in the general area of medical and service robotics, to exchange their latest research results and exchange views on the future research directions of these fields.



**Organized by**  
University of Craiova

**Under the Patronage of**  
IFTOMM - International Federation for the  
Promotion of Mechanism and Machine Science  
TC Biomechanical Engineering  
TC Robotics and Mechatronics

**Conference Chair:**  
Daniela TARNITA, Romania

**Conference Co-Chairs:**  
Nicolae DUMITRU, Romania  
Doina PISLA, Romania  
Giuseppe CARBONE, Italy  
Georg RAUTER, Switzerland

**International Scientific Committee**

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Hannes Bleuler, Switzerland  
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**Local Organising Committee**

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**Topics**

- Design of medical devices
- Kinematics and Dynamics for medical robotics
- Exoskeletons and prostheses
- Anthropomorphic hands
- Therapeutic robots and rehabilitation
- Cognitive robots
- Humanoid & Service robots
- Assistive robots and elderly assistance
- Surgical robots
- Human-robot interfaces
- Haptic devices
- Biomechanics

**Presentation and Publication**

The official language of the conference is English. Each paper will be reviewed, and the papers selected by the Scientific Committee will be published in a Springer Book. The paper length is limited to 8 pages. All submitted papers must be strictly prepared following the publication guidelines.

A selection of presented papers will be invited with extended version for a **Special Issue** in Machines: *"New Trends in Medical and Service Robots-Selected Papers from MESROB 2023"*.

[https://www.mdpi.com/journal/machines/special-issues/MESROB2023\\_machines](https://www.mdpi.com/journal/machines/special-issues/MESROB2023_machines)

For detailed up-to-date information, please visit the conference website.

**Website:**

<http://mecanica.ucv.ro/MESROB2023/>

**Venue**

The Conference will be held at the University of Craiova. Craiova is an university city located in south-west of Romania and easily accessible from all European countries by plane, train or car.

**Registration fee**

The registration fee includes the program of the MESROB 2023, paper publication and a copy of the book.

*Early Bird Registration (before May 1<sup>st</sup>, 2023):*  
IFTOMM Members 350 €  
Non IFTOMM Members 400 €

*Regular Registration (after May 1<sup>st</sup>, 2023):*  
IFTOMM Members 400 €  
Non IFTOMM Members 450 €

Students/Accompanying Persons 200 €

**Accommodation**

In Craiova there are several hotels in all the categories. The reservation is recommended by directly contacting the hotels or through the MESROB 2023 Secretariat. A list of hotels will be provided on site.

**Further information**

This is the first call for papers intended to inform about the aim, topics and important dates of the conference. Detailed information about venue, accommodation, social program and other topics will be published on the website.

**Important Dates:**

Call for papers: February 23, 2022  
Full paper submission: January 15, 2023  
Acceptance notification: February 26, 2023  
Final paper submission: March 26, 2023

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