



# 6<sup>th</sup> IFToMM Symposium on Mechanism Design for Robotics MEDER 2024

Timisoara. Romania. June 27-29. 2024

## Call for Papers

The aim of the Symposium on Mechanism Design for Robotics (MEDER 2024) is to bring together researchers, industry professionals and students from a broad range of disciplines related to mechanisms and robotics to share the latest developments and discuss the directions for the future of mechanism and robotics research. MEDER 2024 continues a successful series of Symposiums that has been started in Mexico 2010, continued in China 2012, in Denmark 2015, in Italy 2018 and in France 2021. The Conference will be held in Timișoara at the Conference Center and the buildings of Mechanical Faculty of Politehnica University of Timișoara, Romania.

### Topics

Papers are solicited on topics related with mechanisms within aspects of theory, design, practice and its applications for robotics, including but not limited to:

- Mechanism design
- Mechanism education and history of MMS
- Theoretical and computational kinematics
- Experimental mechanics
- Mechanics of robots
- Control issues of mechanical systems
- Machine intelligence
- Innovative mechanisms and applications
- Linkages and manipulators
- Micro-mechanisms
- Dynamics of machinery and multi-body systems

### Proceedings:

Authors are kindly asked to submit original full papers with recommended length of 8 pages in Springer format. Instructions will be available in the Symposium webpage. All accepted and presented papers will be published in a Scopus indexed book of the Springer Series Mechanisms and Machine Science, with the title: "Advances in Mechanism Design for Robots – MEDER 2024". For each of the three categories (Research, Applications, and Student) three awards (Gold, Silver, and Bronze) will be given to the best papers. Selected papers will be invited with extended version for a Special issue in MDPI Machines Journal and in MDPI Robotics Journal. IFToMM supports three Young Delegates grants after evaluating the applications.

### Deadlines

Full paper submission: January 31, 2024  
Acceptance notification: March 15, 2024  
Final paper submission: April 01, 2024

### Registration

Early Registration (before April 15th, 2024):  
IFTToMM Members 250 Euro  
Non IFTToMM Members 300 Euro  
Regular Registration (after April 15th, 2024):  
IFTToMM Members 300 Euro  
Non IFTToMM Members 350 Euro  
Students 150 Euro  
Accompanying Persons 150 Euro  
The registration fee includes the complete program of the MEDER 2024 conference and paper publication.

### Accommodation

Timișoara provides accommodation in several hotels of different categories. Early reservation is recommended by directly contacting the Organising Committee Secretariat. A list of hotels will be soon on the site of the conference available.

### General Chairs:

Erwin-Christian Lovasz (România)  
Marco Ceccarelli (Italy)

### National Organizing Committee

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### Technical Sponsors

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### Organized by

Politehnica University of Timișoara

Faculty of Mechanical Engineering

Department of Mechatronics

### with organizing support of:

ARoTMM - Romanian Association of

Mechanism and Machine Science

ASTR - Technical Sciences Academy of

Romania

SRR - Robotics Society of Romania

### Secretariat

Website: <https://meder2024.upt.ro>

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