



ROBOTICS 2024

MTM & ROBOTICS 2024

The Joint International Conference of
the XIV International Conference on Mechanisms and Mechanical Transmissions (MTM)
and the XXVI International Conference on Robotics (ROBOTICS)
Iasi, Romania, November 14 – 16, 2024

Organized by

Department of Mechanical Engineering, Mechatronics and Robotics at “Gheorghe Asachi” Technical University of Iasi, Romania (TUIASI), and Technical Sciences Academy of Romania - ASTR

Under the Patronage of IFTOMM

International Federation for the Promotion of Mechanism and Machine Science
Technical Committee for Linkages and Mechanical Controls
Technical Committee for Robotics and Mechatronics

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With the support of

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Aim

The aim of the joint conference is to bring together researchers, scientists, industry experts and PhD students involved in the general area of mechanisms, mechanical transmissions, robotics and mechatronics, to disseminate their latest research results and exchange views on the future research directions of these fields.

Topics

We are looking for original, high-quality contributions addressing (but not limited to) the following topics:

MTM: Mechanisms analysis and synthesis; Dynamics of mechanisms and machines; Mechanical Transmissions; Biomechanics; Precision mechanics; Mechatronics; Micromechanisms and Microactuators; Computational and Experimental Methods; CAD in mechanism and machine design.

ROBOTICS: Serial and parallel robots; Mobile robots; Collaborative robots; Micro and Nano robots; Sensors and actuators; Advanced control; Artificial intelligence; Medical robots; Teleoperation, haptics, virtual reality.

Submission, presentation and publication

The official language of the joint conference is English. Each paper will be reviewed, and the papers selected by the Scientific Committee will be published by Springer in the series “Mechanisms and Machine Science”, indexed in several data bases and monitored by all major abstract media. All submitted papers must be strictly prepared following the publication guidelines. For detailed up-to-date information, please visit the MTM&ROBOTICS 2024 conference website.

Deadlines

Final paper submission: June 30th, 2024

Prov. accept notification: August 31st, 2024
Final paper submission: September 15th, 2024
Final accept notif.: September 25th, 2024

Registration

Early Registration (before October 15th, 2024)

IFTOMM/SRR Members 250 €
Non IFTOMM/SRR Members 300 €

Regular Registration

IFTOMM/SRR Members 300 €
Non IFTOMM/SRR Members 350 €
Students/Accompanying Persons 150 €
Excursion, October 30th 2024 50 €

Venue

The conference will be held at “Gheorghe Asachi” Technical University of Iasi. Iasi is the largest city in eastern Romania, located in the historical region of Moldavia. Iasi has traditionally been one of the leading centres of Romanian social, cultural, academic and artistic life. Known as *The Cultural Capital of Romania*, Iasi is a symbol in Romanian history. It is easily accessible from countries by plane, train or car (see website).

Accommodation

Iasi provides accommodation in several hotels of different categories. A list of hotels will be available on the conference website.

Excursion

After the conference there will be an Excursion day with touristic and regional character.

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.

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Website

<https://mtm-robotics2024.upt.ro/>

This is the URL for the authors to get first access when they want to submit a new contribution to MTM&ROBOTICS2024.

https://equinocs.springernature.com/service/MTM_ROBOTICS2024