13th International Workshop on Robot Motion and Control

RoMoCo'24

July 2nd - 4th, 2024

Poznan University of Technology, Poznań, Poland

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Institute of Automatic Control and Robotics (IAR)

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The scope of the Workshop includes but is not limited to:

- Control design for nonholonomic and underactuated robots
- Optimal and constrained control design for robotic systems
- Multi-robot systems: networked control, collision avoidance, synchronization
- Motion planning for robots and robotic systems
- Control, planning, and sensing issues in teleoperation/telemanipulation
- Localization and perception for robots and autonomous systems
- Modelling and data-based identification of robotic systems
- Machine learning methods in robot motion and control
- Robust and adaptive autonomous systems under uncertainty
- Control system architectures in robotics
- Safety issues of robotic systems
- Human-robot cooperative systems
- Robotic cars and autonomous vehicles
- Sensors, devices and tools for robots
- Applications of robotics (agriculture, space, underwater, air, medicine, civil engineering and services, manufacturing, etc.)
- Social, educational, and economic aspects of robotics

IMPORTANT DATES:

- **December 2023**: Opening of a submission system
- **January 26, 2024**: Deadline for submission of papers
- **April 09, 2024**: Decision notification on submissions
- **May 11, 2024**: Deadline for submission of revised papers

Accepted and presented papers will be published in the IEEE Xplore database.
Detailed instructions for authors are available on the RoMoCo website:
https://romoco.put.poznan.pl/

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