

# RoMoCo<sup>'27</sup>

14<sup>th</sup> International Workshop on  
Robot Motion and Control



June 30 – July 2, 2027



Poznan University of Technology  
Poznań, Poland



[romoco.put.poznan.pl](http://romoco.put.poznan.pl)



## 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/telem Manipulation
- Localization and perception for robots and autonomous systems
- Modeling and data-based identification of robotic systems
- Machine and robot-learning methods in motion planning 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



Submissions  
open

**Dec  
2026**



Paper  
submission  
deadline

**Feb 13  
2027**



Notification of  
acceptance

**Apr 23  
2027**



Revised paper  
submission  
deadline

**May 29  
2027**



Workshop  
dates

**Jun 30–  
Jul 2, 2027**



Accepted papers will be submitted for  
inclusion into IEEE Xplore subject to  
meeting IEEE Xplore's scope and quality  
requirements.



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