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ISMCR 2025

26th International Symposium on Measurement and Control in Robotics *SAMBREVILLE, Belgium, October 07-08, 2025*

Organized by

The International CBRNE Institute (ICI)

Under the Patronage of IMEKO – TC17

International Measurement Confederation
Technical Committee 17 – Measurement in Robotics

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Aim

This symposium will focus on various aspects of research, applications and trends of robotics, advanced human-robot systems and applied technologies, e.g. in the fields of robotics, telerobotics, autonomous vehicles, simulator platforms, as well as virtual/augmented reality and 3D modelling and simulation. Like its previous editions, ISMCR 2025 serves as a forum for the exchange of recent research results and novel ideas in robotic technologies and applications; this time with specific reference to smart mobility.

Topics

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

Robot Design Innovations; Sensors/Smart Sensors their Integration/Fusion; Advanced Controls and Actuators; Methods of Artificial Intelligence in Robotics; Humanoid, Climbing/Walking, Service, and Autonomous Robots; Anthropomorphic Robots/Mobile Robots; Tele-existence/Telepresence; Augmented Reality/Mixed Reality/Virtual Reality (VR); Communication with Realistic Sensations; Intelligent CAD and IMS; Visual/Auditory/Tactile/Force Displays; Tools and Techniques for Modeling VR Systems; Software Architectures for VR; VR Interaction and Navigation Techniques, Distributed VR Systems and Motion Tracking; VR Input and Output Devices; Innovative Applications of VR; Human Factors in VR; Evaluation of VR Techniques and Systems; Internet and VRML Application of VR in all areas; Interactive Art and Entertainment; Education and Entertainment Robots;

Medical and Healthcare Robots; Micro and Nano Robots; Innovative Robotics Applications.

Counter-CBRNE Applications

Submission, presentation and publication

The official language of the symposium is English. Each paper (with a number of minimum 6 pages and maximum 10 pages; even number of pages) 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 Scopus, Ei-Compendex and Web of Science. All submitted papers must be strictly prepared following the publication guidelines. For detailed up-to-date information, please visit the ISMCR 2025 symposium website.

Deadlines

*** Abstract submission deadline: June 30th, 2025**

*** Abstract acceptance notification: July 10th, 2025**

*** Full paper submission deadline: July 31st, 2025**

*** Full paper acceptance notification: August 15th, 2025**

*** Final camera-ready paper submission: September 20th, 2025**

Registration

Early Registration (before September 5th, 2025)

Authors and members of sponsoring institutions	150 €
Others	200 €
Students and Phd's	50€/day
Exhibitors	300 €/day

Regular Registration

Authors and members of sponsoring institutions	200 €
Others	300 €
Students and Phd's	50€/day
Exhibitors	300 €/day
Accompanying Persons	200 €

The fees include the lunches, gala dinner, ISMCR 2025 program and electronic version of the proceedings.

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Website

<http://ismcr.org/2025-ismcr/>