



International CBRNE Institute



BEMEKO



ISMCR 2025

26th International Symposium on Measurement and Control in Robotics

SAMBREVILLE, Belgium, October 07-08, 2025

Organized by

European Projects Knowledge Centre of the International CBRNE Institute (ER KC)
Under the Patronage of IMEKO - TC17
International Measurement Confederation
Technical Committee 17 – Measurement in Robotics

Symposium Chair

Prof. Yvan Baudoin (ICI-ER KCBelgium)

Symposium Co-Chairs

Prof. Zafar Taqvi (USA)
Med. Dr. Ioan Galatas (ICI CBRN KC-Greece)

Prof. Frank Van Trimpont (ICI MED KC)

Publication Chair and Review Co-Chair

Prof. Ioan Doroftei (Romania)

Financial Co-Chairs/Treasurers

Y. Dubucq, Director ICI
Col. Marc Gilbert (Zone de Secours Sambreville)

Logistic Chair

Prof. Simone Keller Fächter (Brazil)

Executive Chair and Review Co-Chair

Dr. Zafar Taqvi (USA)

With the support of

International CBRN Institute
CLAWAR Association
Technical Sciences Academy of Romania – ASTR

Academy of Romanian Scientists - AOSR
IEEE Galveston Bay Section

International Scientific Committee

Dr. Zafar Taqvi (USA)
Assoc. Prof. Bálint Kiss (Hungary)
Prof. Simone Keller Fächter (Brazil)
Dr. Fumihiro KATO (Japan)
Prof. Susumu Tachi (Japan)
Prof. Masahiko Inami (Japan)
Prof. Jaromir Volf (Czech Republic)
Prof. C. Ferrero (Italy)
Prof. Toshio Fukuda (Japan)
Prof. K. T. V. Grattan (UK)
Dr. Zi Xue (China)
Prof. Andrej Babinec (Slovakia)
Prof. Jean-Guy Fontaine (Italy)
Prof. Lino Marques (Portugal)
Prof. Giovanni Muscato (Italy)
Prof. Jurek Z. Sasiadek (Canada)
Jagdish Shukla (India)
Prof. A. Vimala Juliet (India)
Prof. Yanhe Zhu (China)
Dr. Geert De Cubber (Belgium)

Dr. Gokcen Bas (Austria)

Prof. Gregory Ya. Panovko (Russia)

Prof. Sang-Youn Kim (Korea)

Prof. Daniele Fontanelli (Italy)

Dr. Trung T. Pham (USA)

Prof Osman Tokhi (UK)

National Scientific Committee

Prof EM Yvan Baudoin (RMA)

Prof Bram Vanderboght (VUB)

Prof Pierre Dehombreux (FPMS)

Jean-Baptiste WATELET, MD, PhD

(UGent)

Director at ULB HeLSci(ULB)

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

Full paper submission: June 30th, 2025

Paper acceptance notification: August 20th, 2025

Final paper submission: September 10th, 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.

Correspondence and Registration Chair Address:

Prof. Yvan Baudoin

yvan.baudoin@ici-belgium.be

Website

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