



# 23<sup>rd</sup> International Symposium on Measurement and Control in Robotics – ISMCR 2020

October 15-17 2020, Budapest, Hungary

hosted by the Faculty of Electrical Engineering and Informatics (Budapest University of Technology and Economics)

a TC17  
event

## Call for papers



Faithful to its tradition, this 23<sup>rd</sup> edition of ISMCR serves as a forum for the exchange of recent research results and novel ideas in robotic technologies and applications, this time with reference to smart mobility. The 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 VR/AR, and 3D modelling and simulation.

### Scope (includes but not limited to)

Robot Design Innovations  
Sensors, Smart Sensors  
Advanced Controls and Actuators  
Artificial Intelligence in Robotics  
Humanoid, Climbing/Walking Robots  
Anthropomorphic Robots  
Autonomous Electric Vehicles  
Self-driving and Passenger Drones  
Mobile Robots, Micro & Nano Robots  
Interactive Art and Entertainment  
Education and Entertainment Robots

Tools and Techniques for VR Systems  
Software Architectures for VR  
Tele-existence / Telepresence  
VR Systems and Motion Tracking  
Visual, Tactile, Force Displays  
Innovative Applications of VR  
Human Factors in VR  
Augmented Reality, Virtual Reality  
Collaborative robotics and cobots  
Innovative Robotics Applications  
Medical and Healthcare Robots



### International Program Committee & Members of the IMEKO Technical Committee 17

**Chair:** Dr Zafar Taqvi (USA)

**Vice Chair:** Prof. Yvan Baudoin (Belgium)

**Sci. Secretary:** Prof. Masahiko Inami (Japan)

**Chair Emeritus:** Prof. Susumu Tachi (Japan)

Prof. Andrzej Maslowski (Poland)

Prof. Giovanni Muscato (Italy)

Prof. Lino Marques (Portugal)

Prof. Valery Gradetsky (Russia)

Prof. Peter Kopacek (Austria)

Prof. Andrej Babinec (Slovakia)

Prof. Karsten Berns (Germany)

Prof. Ioan Doroftei (Romania)

Prof. Kenneth T.V. Grattan (UK)

Prof. Jean-Guy Fontaine (France)

Prof. Jaromir Volf (Czech Republic)

Prof. Toshio Fukuda (Japan)

Prof. Vimala Juliet (India)

Prof. Jurek Z. Sasiadek (Canada)

Prof. Simone Keller Fuchter (Brazil)

Dr Bálint Kiss (Hungary)

Ms Xue Zi (China)

Mr Jagdish Shukla (India)

### Important Dates

30 June 2020

Abstracts proposal deadline

10 July 2020

Abstract acceptance to authors

31 July 2020

Submission of full paper for review

31 August 2020

Notification of paper acceptance

21 September 2020

Submission of camera-ready paper

**Contact email:** [ismcr2020@iit.bme.hu](mailto:ismcr2020@iit.bme.hu)

**web:** [www.ismcr2020.org](http://www.ismcr2020.org)

### ISMCR 2020 Organizing Committee

General Chair: Prof. Zafar Taqvi

Co-Chairs: Prof. Yvan Baudoin and Dr Bálint Kiss

Technical Program Chair: Dr István Harmati

Financial Chair: Dr László Vajta

Registration Chair: Mrs Dr Emese Szádeczky-Kardoss Gincsei

All papers will have peer reviews and will be published with IMEKO guidelines.

Technical sponsor



Co-sponsors

