

Call for papers



Faithful to its tradition, this 23rd 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**

22 June 2020	Abstracts proposal deadline
29 June 2020	Abstract acceptance to authors
26 July 2020	Submission of full paper for review
22 August 2020	Notification of paper acceptance
15 September 2020	Submission of camera-ready paper

Contact email: ismcr2020@iit.bme.hu

web: 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.

Co-sponsors

©2020, IMEKO, BME VIK



International CBRE Institute

