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European Land Robots Trials

www.elrob.org



Royal Higher Institute for Defence

www.irsd.be

Time schedule

The contribution should focus on theories, principles and developments which have been explicitly developed for the mechatronics, robotics systems in particular, multi-agent systems and industrial or environmental applications, including the use of virtual tools.

An abstract (approximately 500 words in English) should be received not later than **30 April 2018**. Electronic submissions of the abstracts (PDF-files) should be mailed to:

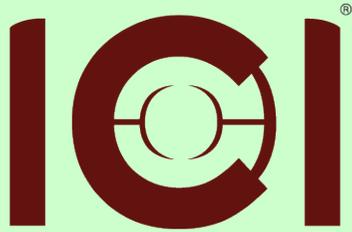
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- ⌘ Abstract proposal deadline: April 30, 2018
- ⌘ Final selection and invitation of participants: June 15, 2018
- ⌘ Receipt of camera-ready papers/digital papers: Aug 15, 2018

Local Organization Committee

Workshop inquiries to:

ISMCR'2018
International CBRNE Institute
Route de sart-Dames-Avelines, 8A
B6210 Les Bons Villers
Tel: +32 71820840
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International CBRNE Institute

ISMCR 2018

21th International Symposium on
Measurement and Control in
Robotics

26-28 September 2018 – International
CBRNE Institute, Les-Bons-Villers,
Belgium

ROBOTICS FOR THE CHANGING
WORLD



www.imeko.org – TC 17

The 21th International Symposium on Measurement and Control in Robotics (ISMCR-2018) follows the very successful 20th ISMCR'20 held at Bangalore (India) and it is aiming to gather high quality original contributions in the robotic field and associated measurements with the final goal of assessing the most recent developments in this utmost domain of science and technology. The Symposium scope covers a broad spectrum ranging from advanced conceptual and virtual design and methodology, sensors, actuators, instrumentation, and real-time control algorithms to innovative robotics, mobile (ground/aerial/undersea) robotics and multi-agent-robotic applications.

Fundamentals for Robotics and Mechatronics are considered as a major topic where people from different specialities will contribute to provide a full picture of the state of the art in this area. The key words you will use are essential to organize the different sessions for this conference.

Scope and Topics

Robotics and Automation Techniques: virtual tools

Industrial Robotics: measurement and control in Robotics

Mobile Robotics: locomotion, actuation, command and control

Outdoor applications: Environmental surveillance, Risky Environments, Rescue, Agriculture, Construction, Space...

Indoor Applications: Education, Entertainment, Medical assistance, Industry...

Multi-Agent robotic systems

Sensor systems in Mechatronics

Signal Processing and data-fusion

Participation

	Before July 31	After July 31
Authors and members of sponsoring institutions	300 €	400 €
Others	400 €	500 €
Students	50 €/day	50 €/day
Exhibitors	300 €/day	300 €/day

The fees include the lunches, get together dinner, social events and proceedings.

General Chairman

Prof em Yvan Baudoin (ICI/RMA)

Program Co-chairs

Prof em. S. Tachi (IMEKO TC17)

Prof G. S. Virk (CLAWAR)

Dr F. E. Schneider (ELROB)

The symposium will be conducted in parallel with the Robotics Competition ELROB (www.elrob.org)



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