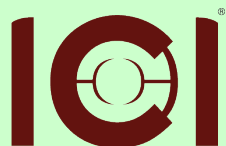


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**Time schedule**

An abstract (approximately 200 words in English) should be received not later than February 19, 2021  
Electronic submissions of the abstracts ( PDF-files) should be mailed to:

[Yvan.baudoin@ici-belgium.be](mailto:Yvan.baudoin@ici-belgium.be)

And

[inami@star.rcast.u-tokyo.ac.jp](mailto:inami@star.rcast.u-tokyo.ac.jp)

- ⌚ Abstract proposal deadline: February 19, 2021
- ⌚ Final selection March 15,2021
- ⌚ Receipt of full papers: April 15, 2021

**Local Organization Committee**

Workshop inquiries to:

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# VRISE'2021

**International IMEKO TC17 special Session on Virtual Reality and Robotics for Risky Interventions and Environmental Surveillance**

**30 Aug-03 Sep 2021 – International XXIII MEKO CONGRESS YOKOHAMA-Japan  
03 September – VRISE 2021**

[www.imeko2021.org](http://www.imeko2021.org)

An International Session on Measurement and Control of Robotics, during the IMEKO Congress 2021, (focusing among others on virtual reality, risky interventions and environmental surveillance). This will follow the successful 7th IARP-RISE'2015 held at the Portuguese Naval Base (BNL), the 8<sup>th</sup> and 9<sup>th</sup> RISE' 2017/2019 held at ICI, Belgium, the ISMCR'2018, 2019, 2020 held in Belgium, USA, and Hungary. It is aiming to gather high quality original contributions with the final goal of assessing the most recent developments in this utmost domain of science and technology. The Session 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, personal and collective protection, multilevel rescue operations and management applications. It will contribute to provide a full picture of the state of the art in the area of increasing risk or industrial s. The key words you will use are essential to organize the different sessions for this conference.

### Scope and Topics

- Measurement of CBRNE – related environmental risks
- Environmental surveillance (air quality, pollution, etc)
- Search and Rescue by incidents/accidents/disasters)
- Medical Management (teaching facilities, entertainment facilities, hospitality facilities, etc.)
- Virtual Reality, Augmented Reality and Robotics
- Trends
- Detection sensing systems

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 M.O.Mattmann (CEO Hotzonesolutions)  
 Prof G.Virk (CLAWAR)  
 Dr Ir Zafar Taqvi (Chair IMEKO TC17)

**The session will be conducted in parallel with others IMEKO TC sessions ([www.imeko.org](http://www.imeko.org)) during the XXIII IMEKO Congress**



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