

ECMSM 2021

15th International Workshop IEEE

Electronics, Control, Measurement, Signals and their application to Mechatronics

June 21th-22th 2021

Liberec, Czech republic

www.ecmsm.eu/ecmsm2021

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**Telepresence
session
available**



IEEE



Prospective authors are cordially invited to submit original papers using the electronic submission on the conference web page. Papers should be written in English on 6 pages maximum in the PDF format (IEEE template). Accepted and resented papers will be included in the post-conference ECMSM Proceedings and published on the IEEE eXplore web (indexed by WoS, Scopus). The detailed instructions about the paper preparation and paper submission are described on the conference web site <http://ecmsm.eu/ecmsm2021>

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Abstract Submission deadline:

2021 March 12th

Abstracts acceptance notification:

2021 February 28th

Registration opening:

2021 February 28th

Full paper for review submission:

2021 March 29th

Full paper acceptance notification:

2021 May 10th

Final paper submission deadline:

2021 June 7th

Early Registration Deadline:

2021 April 28th

TOPICS

INTEGRATED CIRCUITS

- Dependability of electronic equipment (Reliability, DfT...)
- Analog / Hybrid design (ASIC, FPGA, CPLD...)
- New technologies (SoC, NoC, RF design, System design)
- Networking and operating systems
- Power electronic integration
- Equipment compatibility, EMC

COMPUTER AND CONTROL SYSTEMS

- Electrical drives
- Control (adaptive control, robust, nonlinear...), optimal control (H2/Hinfinity techniques, variational methods...)
- Embedded systems, decisional and functional autonomy

INFORMATION AND SIGNAL PROCESSING

- Signal and data processing: speech, audio, video, image
- Signal acquisition: electrical and acoustical measurement
- Fault detection and diagnosis in mechatronic systems

MECHATRONIC AND ROBOTIC SYSTEMS

- Robotics and autonomous systems: theory (perception, localization, environment modeling, SLAM...) and applications (navigation, medical robotics, micro-robotics, humanoid robots, UAV...)

- Smart devices, intelligent materials
 - Actuation, Sensors and measurement
- and OTHER RELATED TOPICS**