

Call for Papers

Track 1 - Information Technology in Automation

Track chairs

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- ❖ **FOCUS.** The track is focused on the development, adoption and application of information technology (IT) for automation systems.

TOPICS

- ❖ IT Modeling Techniques for Automation Systems
- ❖ Model Driven Development and Model Based Engineering in Automation and Mechatronic Systems
- ❖ Data Modeling along the Plant Life Cycle
- ❖ Domain Specific Modeling and Programming Languages
- ❖ Knowledge-Based Systems, Ontologies and Semantic Web in the Engineering of Automation Systems
- ❖ IT System Architecture Techniques in Automation Systems
- ❖ Vertical Integration, Integration with MES and ERP Systems
- ❖ Information Technology/Operation Technology Convergence
- ❖ Industrial Internet of Things
- ❖ Energy Management in and by Automated Systems
- ❖ Engineering Methods for Distributed Automation Systems and Cyber-Physical (Production) Systems
- ❖ Software Reuse, Software Product Lines and other Software Engineering Methods in Automation
- ❖ Dynamically Reconfigurable, Adaptive and Emergent Automation
- ❖ Software/Systems
- ❖ Security and Safety in Automation
- ❖ Case Studies and Application Reports on these Topics

- ❖ **AIM.** The aim of the conference is to bring together researchers and practitioners from the industry and academia and provide them with a platform to report on recent advances and developments in the newly emerging areas of technology, as well as actual and potential applications to industrial and factory automation.

- ❖ **CONFERENCE FORMAT.** The conference will comprise multi-track sessions for regular papers, to present significant and novel research results with a prospect for a tangible impact on the research area and potential implementations, as well as work-in-progress (WiP) and industry practice sessions.

AUTHOR'S SCHEDULE (2022)

Regular and special sessions papers

Submission deadline April 1
Acceptance notification May 7
Deadline for final manuscripts June 17

Work-in-progress/Industry practice papers

Submission deadline May 13
Acceptance notification June 10
Deadline for final manuscripts June 17

Track Program Committee

- ❖ Virenda Ashiwal, *LIT CPS Lab, Johannes Kepler University Linz, Austria*
- ❖ Salvatore Cavalieri, *University of Catania, Italy*
- ❖ Patrick Denzler, *ASG TU Wien, Austria*
- ❖ Kirill Dorofeev, *Siemens AG, Germany*
- ❖ Rainer Drath, *HS Pforzheim, Germany*
- ❖ Dieter Etz, *ACDP, Austria*
- ❖ Alexander Fay, *Helmut Schmidt Universität, Germany*
- ❖ Andreas Fernbach, *Siemens CT, Austria*
- ❖ Thomas Frühwirth, *ACDP, Austria*
- ❖ Sten Grüner, *ABB Corporate Research Center, Germany*
- ❖ Marga Marcos, *Universidad del País Vasco, Spain*
- ❖ Michael Mayerhofer, *pro2Future, Austria*
- ❖ Martin Melik-Merkumians, *ACIN TU Wien, Austria*
- ❖ Michael Oberlehner, *LIT CPS Lab, Johannes Kepler University Linz*
- ❖ Roman Obermaier, *Universität Siegen, Germany*
- ❖ Ian Peak, *RMIT University, Melbourne, Australia*
- ❖ Federico Pérez, *University of the Basque Country, Spain*
- ❖ Alexander Perzylo, *fortiss GmbH, Germany*
- ❖ Luis Ribeiro, *Linköping University, Sweden*
- ❖ Seppo Sierla, *Aalto University, Finland*
- ❖ Thanikesavan Sivanthi, *ABB Corporate Research Switzerland, Switzerland*
- ❖ Lisa Sonnleithner, *LIT CPS Lab, Johannes Kepler University Linz, Austria*
- ❖ Thomas Strasser, *AIT, Austria*
- ❖ Gernot Steindl, *ASG TU Wien, Austria*
- ❖ Tarik Terzimehić, *fortiss GmbH, Germany*
- ❖ Kleanthis Thramboulidis, *Patras University, Greece*
- ❖ Atmojo Udayanto Dwi, *Aalto University, Finland*
- ❖ Jörg Walter, *Offis Oldenburg, Germany*
- ❖ Bianca Wiesmayr, *LIT CPS Lab, Johannes Kepler University Linz, Austria*
- ❖ Manuel Wimmer, *Department Business Informatics – Software Engineering, Johannes Kepler University Linz, Austria*