



## Call for Papers

### Track 1 - Information Technology in Automation

#### Track co-chairs

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❖ **FOCUS.** Track on Information Technology in Automation is focused on the development, adoption and application of information technology 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 Architecture Techniques in Automation Systems
- ❖ Vertical Integration, Integration with MES and ERP Systems, IT/OT Convergence
- ❖ 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 Factory, Home and Building 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 (2020)

##### ❖ Regular and special sessions papers

Submission deadline ..... April 1  
Acceptance notification ..... May 6  
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 Programme Committee

- ❖ Albert Treytl, Donau-Universität Krems
- ❖ Alois Zoitl, Johannes Kepler Universität
- ❖ Andreas Fernbach, Siemens CT Österreich
- ❖ Cheng Pang, Google Technology
- ❖ Chen-Wei Yang, Luleå Tekniska Universitet
- ❖ David Hästbacka, Tampere University
- ❖ Federico Pérez, Universidad del País Vasco
- ❖ Frank Golatowski, University of Rostock
- ❖ Georg Frey, Saarland University
- ❖ Jan-Olaf Blech, Aalto University
- ❖ Jörg Walter, Offis Oldenburg
- ❖ Kirill Dorofeev, fortiss
- ❖ Kleanthis Thramboulidis, Patras University
- ❖ Leon Urbas, TU Dresden
- ❖ Luis Ribeiro, Linköping University
- ❖ Marga Marcos, Universidad del País Vasco
- ❖ Martin Melik-Merkumians, TU Wien
- ❖ Martin Wollschlaeger, TU Dresden
- ❖ Mike Barth, HS Pforzheim
- ❖ Nikolaos Papakonstantinou, VTT Technical Research Centre of Finland
- ❖ Paulo Leitão, Polytechnic Institute of Bragança
- ❖ Petr Novak, Czech Technical University Prague
- ❖ Petr Kadera, Czech Technical University Prague
- ❖ Rainer Drath, HS Pforzheim
- ❖ Reza Abrishambaf, Miami University
- ❖ Roman Obermaier, Universität Siegen
- ❖ Roman Froschauer, University of Applied Sciences Upper Austria
- ❖ Roopak Sinha, University of Auckland
- ❖ Salvatore Cavalleri, University of Catania
- ❖ Seppo Sierla, Aalto University
- ❖ Stamatis Karnouskos, SAP Germany
- ❖ Stefan Schulte, Technische Universität Wien
- ❖ Sten Grüner, ABB Corporate Research Center Germany
- ❖ Thanikesavan Sivanthi, ABB Corporate Research Switzerland
- ❖ Thomas Strasser, Austrian Institute of Technology
- ❖ Udayanto Dwi Atmojo, Aalto University
- ❖ William Dai, Shanghai Jiao Tong University
- ❖ Wolfgang Kastner, Technische Universität Wien