Call for Papers - Track 9
Complex Automation Systems and Systems Engineering

Track chairs
Christian Neureiter§ - University of Applied Sciences Salzburg, Austria
Arndt Lüder* - Otto-v.-Guericke University Magdeburg, Germany
§ christian.neureiter@fh salzburg.ac.at
* arndt.lueder@ovgu.de

FOCUS.
The track is focused on the system level design of complex technical systems, such as industrial Cyber Physical Systems, towards attaining functional requirements, controlled behavior and predictable performance. It focusses on the multi-disciplinary and multi-model nature of the related engineering tasks.

TOPICS
- ❖ Engineering activities along the complete life cycle of Cyber-Physical Production Systems (CPPS)
- ❖ Systems Engineering, Systems-of-Systems Engineering, Model Driven Engineering, Product Line Engineering, Product Life-cycle Management, & Application life-cycle Management
- ❖ Engineering Process Management and Humans in Engineering
- ❖ Human-centric Engineering
- ❖ AI-centric Engineering
- ❖ Systems Architecture and Reference Architecture Development
- ❖ Platform and Variant Management in CPPS engineering
- ❖ Decision-making for Complex Systems supporting e-.g. sustainability, reusability, maintainability, etc.
- ❖ Cloud/Edge/Fog Computing in Automation
- ❖ Enterprise Architecture Integration, IT/OT Integration
- ❖ Modelling & Simulation & Management – Digital Twins, Digital Shadows, Asset Administration Shells
- ❖ Large-Scale System Integration, Verification and Validation (IVV)
- ❖ Case Studies and application reports

Track Program Committee
- ❖ Cristos Alexakos, ISI, Greece
- ❖ Stefan Biffl, TU Wien, Austria
- ❖ Christof Binder, FH Salzburg, Austria
- ❖ Rainer Drath, FH Pforzheim, Germany
- ❖ Giuseppe Franze, University of Calabria, Italy
- ❖ Ranjitkumar Gudder, University Magdeburg, Germany
- ❖ Kevin Hansch, University Magdeburg, Germany
- ❖ David Hoffmann, University Magdeburg, Germany
- ❖ Stafan Huber, FH Salzburg, Austria
- ❖ Paula Hünecke, University Magdeburg, Germany
- ❖ Christos Koulamas, ISI, Greece
- ❖ Arndt Lüder, University Magdeburg, Germany
- ❖ Kristof Meixner, TU Wien, Austria
- ❖ Christian Neureiter, FH Salzburg, Austria
- ❖ Markus Peter, FH Salzburg, Austria
- ❖ Katharina Polanec, FH Salzburg, Austria
- ❖ Rick Rabiser, University Linz, Austria
- ❖ Rudolf Ramler, Software Competence Center Hagenberg, Austria
- ❖ Sarah Riedmann, FH Salzburg, Austria
- ❖ Nicole Schmidt, Mercedes Benz, Germany
- ❖ Thomas Strasser, Austrian Institute of Technology, Austria
- ❖ Sven Tomforde, University Kiel, Germany
- ❖ Dominik Vereno, FH Salzburg, Austria
- ❖ Manuel Wimmer, University Linz, Austria
- ❖ Alois Zoitl, University Linz, Austria

- ❖ **AIM:** The aim of the conference is to bring together the international community to present the latest research results, share new ideas and engineering breakthroughs, and discuss state-of-the-art challenges and future directions in technology and innovation in the broad domain of Automation with a focus on 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 (2026)**

❖Regular and special sessions papers
Submission deadline	April 19
Acceptance notification	May 25
Deadline for final manuscripts	July 4

❖Work-in-progress/Industry practice papers
Submission deadline	May 31
Acceptance notification	June 19
Deadline for final manuscripts	July 4