



Emerging Technologies & Factory Automation

23rd IEEE International Conference
September 4-7, 2018, Torino, Italy

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Call for Papers Track 9 - Complex Systems and Systems Engineering

Track co-chairs
Athanasios Kalogeras, Industrial Systems Institute, Research Center Athena, Greece,
kalogeras@isi.gr
Luca Ferrarini, Politecnico di Milano, Italy, luca.ferrarini@polimi.it

Focus: The focus of the Track on Complex Engineering Systems and Systems Engineering is on the system level design of complex engineering systems, such as industrial Cyber Physical Systems, towards attaining functional requirements and predictable performance.

Topics Systems Engineering, Systems-of-Systems Engineering, Systems Architecture, Complex Systems, Structural and Dynamic Complexity, Cyber-Physical Systems, Cyber Security, Distributed Adaptive and Predictive Intelligent Real Time Feedback Systems, Cloud Computing & Manufacturing, Humans in the Loop, Modeling & Simulation, Model-Based Systems Engineering, Metamodeling, Model Driven Integration & Interoperability, Systems Integration & Verification, Decision-making for Complex Systems, Scalability and Complexity Management, Modularity and Composability, Autonomous Systems, Fault Diagnosis, Prediction and Tolerance, Large-Scale Systems Integration, Diverse industrial application areas: factory and process automation, automotive applications, avionics, robotics, transportation systems, urban automation and systems, energy systems, health systems, military logistic systems, etc.

Aim: The ETFA conference brings together experts from industry and academia to disseminate novel ideas and emerging trends, research results and practical achievements in the area of industrial and factory automation. The ultimate goal is fostering the development and adoption of scientific methods, models, and tools for the efficient design and operation of industrial and factory automation systems.

Submission of Papers: The working language of the conference is English. Two types of submissions are solicited. Long Papers – limited to 8 double column pages in a font no smaller than 10-points. Work-in-Progress– limited to 4 double column pages in a font no smaller than 10-points. Manuscripts must be submitted electronically in PDF format, according to the instructions contained in the Conference web site <http://iee-effa2018.com/>.

Best Paper Award: Best paper awards in Factory Automation and Emerging Technologies will be presented at the conference banquet dinner.

Further Information: Conference website: <http://iee-effa2018.com/>. ETFA2018 Conference Secretariat: etfa2018@ieit.cnr.it

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Paper Acceptance: Each accepted paper must be presented at the conference by one of the authors; otherwise the ETFA2018 Organizing Committee reserves the right to exclude a paper from distribution after the conference at IEEE Xplore. The final manuscript must be accompanied by a registration form and a registration fee payment proof. All conference attendees must pay the conference registration fee and their travel expenses.

Author's Schedule (NEW!!!):

Regular and special sessions papers		Work-in-progress papers	
Submission deadline:	April 27, 2018	Submission deadline:	June 11, 2018
Acceptance notification:	June 1, 2018	Acceptance notification:	June 25, 2018
Deadline for final manuscripts:	July 6, 2018	Deadline for final manuscripts:	July 6, 2018

<http://iee-effa2018.com/>

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