

ETFA 2018
Call for Papers



Emerging Technologies & Factory Automation

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

Sponsors:



Track Program
Committee

Bryan M. O'Halloran, Naval
Postgraduate School

Carlos Manuel da Silva
Rabadão, Instituto
Politécnico de Leiria

Carmen Lucia
Constantinescu, IAO -
Fraunhofer Gesellschaft

Christos Alexakos, University
of Patras

Christos Emmanouilidis,
Cranfield University

Christos Koulamas,
Industrial Systems Institute

Gregory Zacharewicz,
University of Bordeaux

Ivan Cibrario Bertolotti,
Consiglio Nazionale delle
Ricerche

Jerker Delsing, Lulea
University of Technology

Kieran McLaughlin, Queen's
University of Belfast

Massimo Villari, University of
Messina

Mikael Gidlund, Mid Sweden
University

Paris Kitsos, TEI Western
Greece

Paulo Leitao, Politecnico di
Braganca

Pierluigi Siano, University of
Salerno

Raffaele Carli, Politecnico di
Bari

Ricardo Sanz, Universidad
Politécnica de Madrid

Spiros Likothanassis,
University of Patras

Thomas Strasser, Austrian
Institute of Technology

Vincent Chapurlat, Ecole des
Mines d' Ales

September 4 - 7, 2018, Torino, Italy

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://ieee-etfa2018.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://ieee-etfa2018.com/>. ETFA2018 Conference Secretariat: etfa2018@ieit.cnr.it

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://ieee-etfa2018.com/>

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

Submission deadline: April 27, 2018
Acceptance notification: June 1, 2018
Deadline for final manuscripts: July 6, 2018

Work-in-progress papers

Submission deadline: June 11, 2018
Acceptance notification: June 25, 2018
Deadline for final manuscripts: July 6, 2018

<http://ieee-etfa2018.com/>

With the support of:

