

ETFA 2018  
Call for Papers



Emerging Technologies  
& Factory Automation

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

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Track 7 - Intelligent Robots & Systems

Track co-chairs

Alberto Ortiz, Universitat de les Illes Balears, Spain, [alberto.ortiz@uib.es](mailto:alberto.ortiz@uib.es)

Holger Voos, University of Luxembourg, Luxembourg, [Holger.Voos@uni.lu](mailto:Holger.Voos@uni.lu)

**Focus:** The aim of the Track on "Intelligent Robots and Systems" is to gather researchers and practitioners to report on recent achievements and on requirements in the development of real-world robotic applications, robot prototypes, intelligent embedded systems, robot programming, applications of artificial intelligence, cognitive science and signal processing in robotics, as well as benchmarking and usability studies.

**Topics:** Navigation, Control and Manipulation for Intelligent Robots and Systems; Cognitive Robotics; Cooperative and Collaborative Robotics; Perception, Environment Description and Map Building; Human-Robot Interaction; Integrated Intelligence; Intelligent Robot Assistants; Intelligent Embedded Systems; Multi-Agent Systems and Distributed Robotics Architectures; Path Planning and Collision Avoidance; Sustainable Robotics and Applications; Robot Programming; Mobile Manipulation; Network Robotics; Training and Education in Industrial Robotics; Advanced Sensors and Vision Systems in Robotics; Robot Learning; Simulation and Models for Robotics; Advanced Applications of Autonomous Robots; Supervision, Planning and Failure Recovery.

**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](mailto:etfa2018@ieit.cnr.it)

**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.

With the support of:



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

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