



24th MEDITERRANEAN CONFERENCE ON CONTROL AND AUTOMATION

Call for Papers

<http://www.med2016.org>

JUNE 21-24, 2016

DIVANI CARAVEL HOTEL
ATHENS, GREECE, GR-16121



IEEE



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Mediterranean Control Association Information:

www.med-control.org

MCA Previous Conferences Information:

http://med-control.org/index_Conferences.php

The 24th Mediterranean Conference on Control and Automation, **MED'16**, is returning to Athens, Greece, and the luxurious Divani Caravel Hotel (<http://divanicaravelhotel.com>). Athens is a metropolitan and cosmopolitan city, the capital of Greece, the birthplace of Democracy, the city with the worldwide known "Acropolis and Parthenon", with the famous Theater of Herodes Atticus and the marble stadium where the first modern times Olympic Games took place in 1896, home of Socrates, Plato, Pericles (Golden Age), and home of the 2004 Olympic Games. Athens is both an "ancient" and a "modern" city, in which visitors can walk safely and enjoy the rich, almost 5,000 year old history, it has to offer. For information about Greece, see: <http://www.visitgreece.gr> or <http://greeklandscapes.com>.

The theme of **MED'16** centers on **control and automation challenges and opportunities in the 21st century** and on **control of autonomous systems**. **MED'16** spans four full days: June 21 is devoted to Tutorials and Workshops, followed by the three day technical conference on June 22-24, 2016. The conference, through its technical program and keynote presentations, will provide a unique opportunity for the academic, research and industrial community to address new challenges, share solutions and discuss future research directions. A broad range of topics is proposed, following the current trends of combining control and systems theory with hardware/software and communication technologies, as well as new developments in robotics and mechatronics, autonomous systems, unmanned systems, cyber physical systems, network controlled systems, with the goal of strengthening cooperation of control and automation scientists with industry. Topics of interest include, but are not limited to:

Adaptive Control	Energy Efficient Systems	Optimization
Aerospace Control	Event-Based Systems	Petri Nets
Agents/Agent-based Systems	Fault-tolerant Control	Power Systems
Autonomous Systems	Formation Control	Predictive control
Autonomy	Fuzzy Logic and Fuzzy Control	Process control
Biologically Inspired Systems	Genetic and Evolutionary Computation	Prognostics and Diagnostics
Computational Intelligence	Hybrid Systems	Real-time Control
Computer Aided Control System Design	Image Processing	Robotics
Computer Controlled Systems	Industrial Automation, Manufacturing	Robotic Teams
Communication Systems	Integrated Control and Diagnostics	Robust Control
Cooperative Systems Control	Intelligent Control	Smart Grid
Cyber Physical Systems	Intelligent Transportation Systems	Soft Computing
Decentralized Control	Linear Systems	Spectral Estimation
Digital Control Systems	Marine Control	Swarms
Discrete Event Dynamic Systems	Mechatronic Systems	System Identification
Distributed Parameter Systems	Modeling and Simulation	Uncertain Systems
Disturbance Rejection	Network Controlled Systems	Unmanned Systems
Education and Training	Neural Networks	Verification and Validation
Embedded Control Systems	Non-linear Systems	Virtual and Augmented Reality

IMPORTANT DATES/DEADLINES

February 15, 2016 (extended!): Full Papers / Invited Sessions / Tutorial Proposals Due

April 15, 2016: Acceptance / Rejection Notification

May 6, 2016: Upload Final, Camera Ready Papers

April 15 – May 6, 2016: Early Registration

PAPER SUBMISSION

The Program Chairs are soliciting contributed technical papers for presentation at the Conference and publication in the Conference Digital Proceedings. All papers must be submitted and uploaded electronically. Go to <https://controls.papercept.net>. Click on the link "Submit a Contribution to **MED'16**" and follow the steps. The paper format must follow IEEE paper submission rules, two-column format using 12 point fonts, Times New Roman. The maximum number of pages per submitted paper is 6. Up to two additional pages will be permitted for a charge of 100 € per additional page. Illustrations and references are included in the page count. **Invited and Special Sessions:** Proposals for invited and special sessions by topic of interest must be submitted and uploaded electronically. A Summary Statement describing the motivation and relevance of the proposed session, invited paper titles and author names must be uploaded electronically by February 15, 2016. In addition, authors must submit **FULL versions of invited papers** electronically, through <https://controls.papercept.net>. Each such paper must be marked as "Invited Session Paper". **Workshops – Tutorials:** Proposals for workshops - tutorials should contain the title of the session, the list of speakers, and extended summaries (2000 words) of their presentations. Proposals must be uploaded electronically, as well as sent by e-mail to the Tutorial and Workshop Chair by February 15, 2016. **Paper Review Process:** All submitted papers will undergo a peer review process coordinated by the Program Chairs, Advisory Committee Members, IPC members and qualified reviewers. Authors will be notified of results at the latest by April 15, 2016. *Accepted papers must be uploaded electronically no later than May 6, 2016.* Authors are encouraged to accompany their presentations with multimedia material (i.e., videos), which will be included in the Conference Digital Proceedings. Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases. **For information and details about the Conference, contact by e-mail the General or Program Chairs, or visit the conference website at <http://www.med2016.org>.**