**Call for Papers**
# 2012 IEEE MULTI-CONFERENCE ON SYSTEMS AND CONTROL
## IEEE MSC 2012
**October 3 – 5, 2012**
**Dubrovnik Palace Hotel, Dubrovnik, CROATIA**

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The **2012 IEEE Multi-Conference on Systems and Control (MSC 2012)** will take place in Dubrovnik Palace Hotel, Dubrovnik, Croatia, on October 3 – 5, 2012. MSC 2012 includes two international conferences sponsored and promoted by the IEEE Control Systems Society:

- The IEEE Conference on Control Applications (CCA)
- The IEEE International Symposium on Intelligent Control (ISIC)

**MSC 2012** areas of interest traditionally include a wide range of topics in control systems, technology, and applications. This year, in addition to such topics, we would like to address new and emerging research areas in control, such as systems of systems, robotics, intelligent autonomous systems and computational intelligence, architectures for intelligent control, control inspired by systems biology, vision in control, and control theory in psychology and sociology, as well as application of control theory in economics, next generation healthcare and healthcare delivery. Given the growing energy problems and demands, we would like to invite papers on control applications in new energy resources, and in energy grid control. In an increasingly networked world, communications, computing and control systems merge – thus networked control systems and cloud computing in control applications are also topics of special interest. We are also looking for papers dealing with fuzzy discrete event systems, quantum control and quantum feedback control. Other topics of interest include marine control systems, automotive control systems, control of constrained systems, and manufacturing systems control (planning and scheduling).

Keynote talks will be given by:

**Richard D. Braatz** - Process Systems Engineering Laboratory, MIT, USA
**Dario Floreano** – Laboratory of Intelligent Systems, EPFL, Switzerland
**Frank Lewis** – ARRI, The University of Texas at Arlington, USA
**Iven Mareels** – Biomedical Engineering, The University of Melbourne, Australia

**MSC 2012** will be a three-day event, preceded by a full day of Tutorials and Workshops. The conference proceedings will be included in IEEE Xplore and indexed by INSPEC and Ei-Compendex.

**TECHNICAL SPONSOR:** *IEEE Control Systems Society*
**IMPORTANT DATES**

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| **February 10, 2012:** | Special Session, Tutorial, Workshop Proposals, Invited Sessions, Due |
| **February 10, 2012:** | Full Papers, Due |
| **Late May, 2012:** | Notification of Acceptance/Rejection |
| **June 15, 2012:** | Final, Camera Ready Papers, Due |

**PAPER SUBMISSION**
Papers submitted to **MSC 2012** must be original, not previously published or accepted for publication elsewhere, and they must not be submitted to any other event or publication during the entire review process. IEEE policy regarding plagiarism, self-plagiarism and duplicate submission/publication will be strictly enforced. Papers must be submitted electronically by the submission deadline through the IEEE CSS conference management system PaperPlaza at http://css.paperplaza.net/. Paper submissions should follow the IEEE double-column format for conferences (templates will be available on the conference Web site). A maximum of 8 pages (6 plus 2 additional pages incurring a nominal fee) are allowed for each paper, all figures and references included. Submitted papers will undergo a peer review process, coordinated by the Program Committee. Submission of a paper implies that, should the paper be accepted, at least one of the authors must register and present the paper at the conference.

**SPECIAL/INVITED SESSION PROPOSALS**
Proposals should be submitted by e-mail to the Invited Sessions Chair by the due date. A *special/invited session proposal* should contain the session organizer(s) short bio and contact information, the special session title, summary, and objectives, and the list of authors and papers to be included in the session. Papers must be submitted electronically in final form by the due date, stating on the front page the special session title. Special/invited session papers will follow the standard peer review process.

**WORKSHOP AND TUTORIAL PROPOSALS**
A Workshop/Tutorial proposal should focus on a specific theme related to the main conference topics, describing objectives and expected outcomes. The *tutorial proposal* should contain the tutorial summary and outline and the presenter's short bio and contact information. The *workshop proposal* should include the workshop chair(s) short bio and contact information, and the list of speakers. Proposals should be submitted by e-mail to the Tutorials and Workshops Chair by the due date. Workshop/Tutorial proposals will be reviewed and evaluated by the technical program committee members.

## http://www.msc2012.org