NAJAVLJUJEMO SKUPOVE

IFAC — DUBROVNIK CROATIA SYROCO'12

10th International IFAC Symposium on Robot Control
September 5-7, 2012, Dubrovnik, Croatia

Call For Papers

● Meeting Scope and Objective

The primary topics for the SYROCO 2012 will be "Robot Control in Dynamic Cooperative Scenarios". Robot control technology is widely used for space, surgery, rehabilitation, micro machine, entertainment, underwater, civil engineering, professional and domestic services, security etc. It will continue to play an increasing role in the areas of robot-robot and human-robot cooperation in various dynamic scenarios. Contributions on basic research as well as on relevant applications are included.

● Topics of interests include, but are not limited to the followings:

- Haptic interaction
- Telemanipulation
- Micro/Nano manipulation
- Networked robots
- Robot control (adaptive, robust, learning)
- Force and compliance control
- Multi-fingered hand control
- Multi cooperative robot control
- Sensory based robot control
- Modeling and identification
- Mobile robots and vehicles
- Humanoid robot

- Advanced Applications: space, surgery, rehabilitation, entertainment, underwater, civil engineering, security, professional and domestic services, transport and delivery etc.

● Venue

The Conference will take place at the modern and cosy four star hotel Valamar Lacroma Dubrovnik, which is the largest conference and spa hotel in Dubrovnik
Mailing Address
Iva Dulčića 34, HR-20000 Dubrovnik, Croatia
URL: **http://www.valamar.com**

● SYROCO2012 Secretariat

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● Schedule

November 15, 2011	Submission of invited session proposals
January 15, 2012	Submission of full-length papers
April 15, 2012	Notification of paper acceptance
May 15, 2012	Submission of final papers and early registration
May 30, 2012	Advanced Registration
September 5-7, 2012	SYROCO 2012

Sponsoring Organization

International Federation of Automatic Control (IFAC)

IFAC Technical Committee on Robotics (TC4.3)

Co-sponsoring Organization

Croatian Society for Communications, Computing, Electronics, Measurement and Control – KoREMA

Faculty of Electrical Engineering and Computing, Zagreb (FER-ZAGREB)

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Home Page

http://www.syroco2012.org
(Please check this website for the latest information.)

● **Registration Fees**

FEES:	Advance (before July, 01 2012)	On-site
Full Registration	500,00 €	600,00 €
Student Registration*)	300,00 €	360,00 €
Accompanying Person	120,00 €	120,00 €
Additional Banquet Ticket	80,00 €	80,00 €

*) To be proved by an official university letter sent by fax to SYROCO'12 Secretariat. Please mark subject: SYROCO'12 Student Registration

At least one author of every accepted paper must complete full registration fee. Author who pays the full registration fee for the paper is regard as a representative author. Payment should be done before May 15 2012. Otherwise the paper will not be included in the final event program and will not be published in the event documentation.

Extra charge for Submitted Paper

Basically, one paper should not exceed 6 pages. However, up to 8 pages will be accepted. If one paper includes over 6 pages, the representative author will be charged from the 7th page (100 € per one page).

● **No-show Papers**

A paper not presented takes away a slot from another author and creates a hole in the session, which can cause serious inconvenience to the audience and the organizers. No-show papers will not appear at IFAC-PapersOnline.net.

● **Invited sessions**

The program committee encourages the proposal of invited sessions. In particular, we welcome the proposal on a well-defined subject of meeting scope "Robot Control in Cooperative Scenarios".

- In each session, four or six papers will be presented, and these papers must be original, unpublished papers.
- The invited paper will be reviewed through a regular review process.
- An organizer will be added as a member of International Program Committee and expected to handle invited papers.
- The invited person also make a registration with the same process of regular sessions.

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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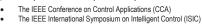**Invited Sessions Chair (CCA, ISIC)**
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The **2012 IEEE Multi-Conference on Systems and Control (MSC 2012)** will take place in Dubrovnik Palace Hotel, Dubrovnik, Croatia, on October 3 – 5, 2012. MSC 2012 includes two international conferences sponsored 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

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

Skupovi u organizaciji IFAC-a

Naziv skupa	Vrijeme	Mjesto	Daljnje informacije
IFAC Symposium – Information Control Problems in Manufacturing - INCOM 2012	May 23 - 25, 2012	Bucharest, Romania	www.incom12.ro
IFAC IEEE Conference – Programmable Devices and Embedded Systems, PDES 2012	May 23 - 26, 2012	Brno, Czech Republic	www.pdes2012.feec.vutbr.cz
IFAC Workshop – Automatic Control in Offshore Oil and Gas Production	May 31 - June 1, 2012	Trondheim, Norway	www.ifac-oilfield.no
IFAC Conference – International Stability and Systems Engineering: SWIIS 2012	June 11 - 13, 2012	Waterford, Ireland	www.swiis2012.com
IFAC Workshop – Dynamics and Control in Agriculture and Food Processing (DYCAF)	June 13 - 16, 2012	Plovdiv, Bulgaria	dycaf-2012.tu-plovdiv.bg
IFAC Symposium – Advances in Control Education - ACE-2012	June 19 - 21, 2012	Nizhny Novgorod, Russian Federation	ace2012.ru
IFAC Symposium on Robust Control Design – Rocond'12	June 20 - 22, 2012	Aalborg, Denmark	www.rocond12.org
IFAC Workshop – Time Delay Systems (IFAC-TDS-2012)	June 22 - 24, 2012	Boston, USA	www.coe.neu.edu/IFACTDS2012/main.htm
IFAC Symposium – Advanced Control of Chemical Processes ADCHEM 2012	July 10 - 13, 2012	Singapore, Singapore	www.adchem2012.org
IFAC IEEE Control Systems Society Symposium – System Identification SYSID 2012	July 11 - 13, 2012	Brussels, Belgium	www.sysid2012.org
INSTICC IFAC Conference – Informatics in Control, Automation and Robotics - ICINCO'12	July 28 - 31, 2012	Rome, Italy	www.icinco.org
IFAC Conference – On Methods And Models in Automation And Robotics - MMAR (cosponsorship)	August 27 - 30, 2012	Miedzyzdroje, Poland	www.icinco.org
IFAC Symposium – Biological and Medical Systems - BMS 2012	August 29 - 31, 2012	Budapest, Hungary	bms.iit.bme.hu
10th IFAC Symposium on Robot Control - SYROCO 2012	05 - 09 September 2012	Dubrovnik, Croatia	www.syroco2012.org

Za više informacija posjetite http://www.ifac-control.org/events/forthcoming.