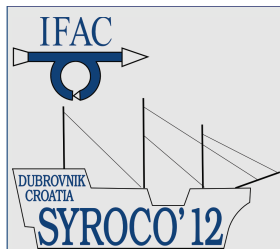


NAJAVLJUJEMO SKUPOVE



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



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)

Chair

National Organizing Committee, NOC Chair:

Ivan Petrović
 Faculty of Electrical Engineering and Computing, University of Zagreb
Mailing Address
 Unska 3, HR-10000 Zagreb, Croatia
Phone: (+385) 1 612-9844
Fax: (+385) 1 612-9809
E-mail: ivan.petrovic@fer.hr

International Program Committee, IPC Chair:

Peter Korondi
 Faculty of Mechanical Engineering, Budapest University of Technology and Economics
Mailing Address
 H-1111 Budapest, Bertalan Lajos str. 4-6. Bld. D. Hungary
Phone: (+36) 1 463-2184
Fax: (+36) 1 463-3787
E-mail: korondi@mogi.bme.hu

National Advisory Committee, NAC Chair:

Nedjeljko Perić
 Dean of the FER-ZAGREB and the president of the KoREMA
Mailing Address
 HR-10000 Zagreb, Unska 3, Croatia
Phone: (+385) 1 612-9642
Fax: (+385) 1 612-9809
E-mail: nedjeljko.peric@fer.hr

Home Page

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

Call For Papers

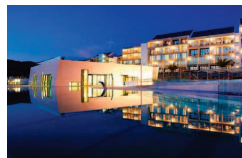
● Meeting Scope and Objective

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

SYROCO 2012
 University of Zagreb, Faculty of Electrical Engineering and Computing
Mailing Address
 Unska 3, HR-10000 Zagreb, Croatia
Phone: (+385) 1 612-9561
Fax: (+385) 1 612-9809
E-mail: syroco2012@syroco2012.org
 URL: <http://www.syroco2012.org>

● 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

NOC Vice-Chair from industry:	<ul style="list-style-type: none"> ● Registration Fees 															
Vjekoslav Majetic (Croatia)																
IPC Vice-Chair from industry:	<table border="1"> <thead> <tr> <th>FEES:</th> <th>Advance (before July, 01 2012)</th> <th>On-site</th> </tr> </thead> <tbody> <tr> <td>Full Registration</td> <td>500,00 €</td> <td>600,00 €</td> </tr> <tr> <td>Student Registration*)</td> <td>300,00 €</td> <td>360,00 €</td> </tr> <tr> <td>Accompanying Person</td> <td>120,00 €</td> <td>120,00 €</td> </tr> <tr> <td>Additional Banquet Ticket</td> <td>80,00 €</td> <td>80,00 €</td> </tr> </tbody> </table> <p>*) To be proved by an official university letter sent by fax to SYROCO'12 Secretariat. Please mark subject: SYROCO'12 Student Registration</p> <p>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.</p> <p>Extra charge for Submitted Paper</p> <p>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).</p>	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 €
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General Chair
Stjepan Bogdan
 Faculty of Elec. Eng. & Computing
 University of Zagreb
stjepan.bogdan@fer.hr

Program Chair (CCA)
Ji-Feng Zhang
 Institute of Systems Science
 Chinese Academy of Sciences
jfz@iss.ac.cn

Program Chair (ISIC)
Eric Rogers
 School of Elec. & Comp. Sci.
 University of Southampton
er@ecs.soton.ac.uk

Invited Sessions Chair (CCA, ISIC)
Zdenko Kovacic
 Faculty of Elec. Eng. & Computing
 University of Zagreb
zdenko.kovacic@fer.hr

Tutorials and Workshops Chair (CCA, ISIC)
Bozenna Pasik Duncan
 Department of Mathematics
 University of Kansas
bozenna@math.ku.edu

USA/EU Liaison Honorary Chair
Kimon P. Valavanis
 Electrical and Computer Engineering
 University of Denver
kimon.valavanis@du.edu

Transition to Practice Award Chair
Lalit K. Mestha
 Xerox Research Center
Lalit.Mestha@xerox.com

Publication Chair
Danica Kragic
 School of Comp. Sc. & Comm.
 Royal Institute of Technology (KTH)
danik@csc.kth.se

CSS Conf. Editorial Board Chair
Alessandro Astolfi
 Electrical and Electronic Engineering
 Imperial College London and
 University of Rome "Tor Vergata"
a.astolfi@imperial.ac.uk

Publicity Chair
Maja Matijasevic
 Faculty of Elec. Eng. & Computing
 University of Zagreb
maja.matijasevic@fer.hr

Registration Chair
Veysel Gazi
 Dept. of Elect. & Electronics Eng.
 Istanbul Kemerburgaz University
veysel.gazi@kemerburgaz.edu.tr

Program Vice-Chair (CCA)
Dominique Sauter
 Dept. of Elec. Eng.
 Nancy University
dominique.sauter@cran.uhp-nancy.fr

Program Vice-Chair (ISIC)
Wojciech Paszke
 Inst. of Control & Comp. Eng.
 University of Zielona Góra
W.Paszke@issi.uz.zgora.pl

Best student Paper Award
Graziano Chesi
 Dept. of EE
 University of Hong Kong
chesi@eee.hku.hk

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Randy Beard
 ECE Department
 Brigham Young University
beard@bvu.edu

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chenh@jlu.edu.cn

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 Faculty of EE. & Comp.
 University of Zagreb
ivan.petrovic@fer.hr

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-Compindex.

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 Power Plants and Power Systems Control	September 2 - 5, 2012	Toulouse, France	www.pppsc2012.org
10th IFAC Symposium on Robot Control - SYROCO 2012	Sept. 5 - 9, 2012	Dubrovnik, Croatia	www.syroco2012.org
IFAC KSAE Symposium Advanced Vehicle Control - AVEC 12	Sept. 9 - 12, 2012	Seoul, Republic of Korea	avec12.ksae.org
IFAC SICE Workshop Automation in the Mining, Mineral and Metal Industries	Sept. 10 - 12, 2012	Gifu, Japan	www.ifacmmm2012.org
IFAC Symposium Control in Transportation Systems 13th	Sept. 12 - 14, 2012	Sofia, Bulgaria	s27.iccs.bas.bg
IFAC Workshop Control Applications of Optimization - CAO'12	Sept. 13 - 16, 2012	Rimini, Italy	cao2012.imm.uran.ru
IFAC IEEE Control System Society Workshop Workshop on Distributed Estimation and Control of Networked Systems	Sept. 14 - 15, 2012	Santa Barbara, USA	necsys2012.engr.ucsb.edu
IFAC Conference Manoeuvring and Control of Marine Craft (MCMC'2012)	Sept. 19 - 21, 2012	Arenzano, Italy	www.mcmc2012.issia.cnr.it
IFAC Workshop Discrete-Event System Design	October 1 - 4, 2012	Campos do Jordao, Brazil	www.desdes.uz.zgora.pl
IFAC IEEE Workshop Discrete Event Systems - WODES 2012	October 1 - 3, 2012	Guadalajara, Jalisco, Mexico	www.gdl.cinvestav.mx/wodes-12
IFAC FIMA Workshop Multi Vehicle Systems - 2nd	October 3 - 5, 2012	Espoo, Finland	mvs2012.aalto.fi
IFAC Workshop Engine and Powertrain Control, Simulation and Modeling (E-COSM'12)	October 23 - 25, 2012	IFPEN, Rueil-Malmaison, Paris, France	www.ecosm12.org
IFAC Conference 5th Latin American Control Conference	October 23 - 26, 2012	Lima, Peru	congreso.pucp.edu.pe/clca-2012
IFAC A-MEST Workshop on Maintenance for Dependability, Asset Management and PHM	November 22 - 23, 2012	Seville, Spain	www.amest2012.com
IFAC IEEE, ACM, TRB International Conference on Connected Vehicles and Expo (ICCVE) 2012	December 5 - 9, 2012	Beijing, China	www.iccve.org

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