THE IFAC WORLD CONGRESS

The IFAC World Congress is the forum of excellence for the exploration of the frontiers in control science and technology, attended by a worldwide audience of scientists and engineers from academy and industry. It offers the most up to date and complete view of control techniques, with the widest coverage of application fields.

ABOUT CAPE TOWN

Situated on the south-eastern tip of Africa, at the foot of the iconic Table Mountain, Cape Town is undoubtedly one of the world's most beautiful cities. It is also a melting pot, where East meets West in Africa, and the resulting blend is a fascinating mix of cultures, flavours and history – a diversity that is easily seen in the faces of its people, their languages, architecture and food. It's easy to see why Sir Francis Drake, when he circumnavigated the globe, described it as "the fairest Cape of them all."





CONGRESS PROGRAMME OUTLINE

Pre-congress tutorials and workshops

Plenary lectures

Technical sessions (lecture and interactive paper)

Exhibitions and cultural events

IFAC CONGRESS PRIZES

IFAC Congress Young Author Prize

IFAC Congress Application Paper Prize

IFAC Congress Interactive Paper Prize

IFAC COUNCIL AWARDS

Giorgio Quazza Medal

Nataniel B. Nichols Medal

Industrial Achievements Award

High Impact Paper Award

Fellow Awards

IFAC JOURNALS AWARDS

Automatica Best Paper Awards

Control Engineering Practice Best Paper Awards

Journal of Process Control Best Paper Awards

Engineering Appl. of Artificial Intelligence Best Paper Awards

Mechatronics Best Paper Awards

TEXTBOOK AWARD

Harold Chestnut Control Engineering Textbook Award



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Promoting automatic control for the benefit of humankind





IFAC 2014

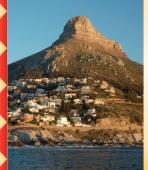
THE 19TH WORLD CONGRESS OF THE INTERNATIONAL FEDERATION
OF AUTOMATIC CONTROL

24-29 AUGUST 2014, CAPE TOWN, SOUTH AFRICA



Promoting automatic control for the benefit of humankind

www.ifac2014.org





The theme of the congress is "Promoting automatic control for the benefit of humankind".

You are invited to submit original papers covering the broad spectrum of topics in Automation and Control spanned by IFAC; papers should be of high quality in accordance with the tradition of previous IFAC World Congresses. A list of IFAC Technical Areas is listed below, and more detail may be found at www.ifac-control.org.

TECHNICAL AREAS:

Systems and Signals: Modelling, Identification and Signal Processing; Adaptive and Learning Systems; Discrete Event and Hybrid Systems; Stochastic Systems; Networked Systems

Design Methods: Control Design; Linear Control Systems; Non-Linear Control Systems; Optimal Control; Robust Control; Distributed Parameter Systems

Computers, Cognition and Communication: Computers for Control; Computational Intelligence in Control; Telematics: Control via Communication Networks

Mechatronics, Robotics and Components: Components and Technologies for Control; Mechatronic Systems; Robotics; Human Machine Systems

Manufacturing and Logistics Systems: Manufacturing Plant Control; Manufacturing Modelling for Management and Control; Enterprise Integration and Networking; Large Scale Complex Systems

Process and Power Systems: Chemical Process Control; Mining, Mineral and Metal Processing; Power and Energy Systems; Fault Detection, Supervision & Safety of Technical Processes

Transportation and Vehicle Systems: Automotive Control; Marine Systems; Aerospace; Transportation Systems; Intelligent Autonomous Vehicles

Bio- and Ecological Systems: Control in Agriculture; Biological and Medical Systems; Modelling and Control of Environmental Systems; Biosystems and Bioprocesses

Social Systems: Economic and Business Systems; Social Impact of Automation; Control Education Technology, Culture and International Stability

INTERNATIONAL PROGRAMME COMMITTEE

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SUBMISSION INSTRUCTIONS

Papers and all other proposals must be submitted electronically using the IFAC PaperPlaza Conference Manuscript Management System: www.ifac.papercept.net.

All submissions must be in PDF format, written in English, and prepared according to the IFAC format. Please visit www.ifac.papercept.net/conferences/manuals/authorgetstarted.pdf for detailed instructions.

REGISTRATION FEE INFORMATION

Two papers will be allowed per full registration fee and one per student registration fee.

PRE-CONGRESS WORKSHOPS AND TUTORIALS

You are invited to submit a proposal for the pre-congress workshops and tutorials which will inform participants about the state of the art in specific areas of interest to the IFAC community.

EXTENDED ABSTRACTS

The congress will accept a limited number of papers based on extended abstracts, to encourage participation from industry and from colleagues outside the traditional academic control community. These abstracts will typically be two pages in length and will be subject to peer review. Authors will present in technical or interactive sessions but the papers will not appear in the congress proceedings.

IMPORTANT DATES	
June 1, 2013	Submission site opens
October 30, 2013	Deadline for the submission of:
	Full draft contributed/invited/industrial papers
	Invited session proposals
	Pre-congress tutorials and workshops proposals
	Panel discussion session proposals
February 14, 2014	Notification of acceptance
March 3, 2014	Preliminary programme announcement
March 31, 2014	Deadline for the final submissions (papers can be uploaded only after the payment of the registration fee)
April 18, 2014	Final programme announcement
August 23-24, 2014	Pre-congress tutorials and workshops
August 24-29, 2014	IFAC 2014





IFAC COPYRIGHT CONDITIONS

The material submitted for presentation at an IFAC meeting (Congress, Symposium, Conference, Workshop) must be original, not published or being considered elsewhere. All papers included in the program will be distributed to the participants. Proceedings of the IFAC Congress, Symposia, Conferences and Workshops will be hosted on-line on the IFAC-PapersOnLine.net website. The presented papers will be further screened for possible publication in the IFAC Journals (Automatica, Control Engineering Practice, Annual Reviews in Control, Journal of Process Control, Engineering Applications of Artificial Intelligence, and Mechatronics), or in IFAC affiliated journals. All papers presented will be recorded as an IFAC Publication.

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