IFAC NEWSLETTER

INTERNATIONAL FEDERATION OF AUTOMATIC CONTROL

IFAC World Congress 2017
Update from Toulouse Organizers

No.2

April 2016

The 20th IFAC World Congress coincides with the 60th anniversary of IFAC that was constituted in September 1957 in Paris, France. It is a great honor for the French control community to welcome the World Congress for this anniversary, and to organize it in France for the second time after the 1972 event in Paris. It is also the opportunity to recall the glorious history of Automatic Control and to foresee the answers Automation and Control will provide to social, economic and ecological challenges. To address these issues the Congress has some specific features in terms of scientific and social programs.

The first call for papers of the IFAC 2017 call was distributed in summer 2015 and the submission site opened in November 2015. The deadline for submitting contributions is at the end of October 2016.

The IFAC 2017 World Congress will follow the standards of IFAC, with rigorously peer-reviewed papers organized in the program alongside the IFAC technical areas, and high quality workshops and tutorials held prior to the Congress. The following new features are introduced:

• Increased visibility for concrete contributions of automatic control to industrial, economic and social fields with an application papers category.

• A new IFAC 2017 demonstrator papers category to promote research or educational oriented devices, innovative prototypes and attractive transfer of technologies towards high-tech enterprises. Demonstrators will be presented at a dedicated exhibition aiming to highlight the advances of our research field and to perceive the future trends.

• A special IFAC 60th anniversary historical papers category dedicated to scientific discussions on how the automation and control field has emerged and grown.

• A new open invited track submission type for promoting specific research topics with no limitation on the number of papers, and open call to encourage large number of high quality contributions. Historical, demonstrator and application-oriented invited tracks are most welcome.

At the time these lines were written seven open invited tracks were already submitted, one of which is dedicated to demonstrators for educational purposes. We look forward to attending the exhibition related to these demonstrators and reading the papers describing the control education issues they contribute to solve.

Toulouse is enthusiastic about hosting the World Congress. The city's Convention Center has been booked for the event along with adjacent facilities such as the neighboring hotels, and the multipurpose "Palais des Sports" arena for hosting the plenaries. The Congress site is just a short walking distance from the city center and is easily accessible by metro from all parts of town. It will allow participants to enjoy both the scientific program, and the cultural, gastronomical, musical, lively features Toulouse can offer.

A ten minute walk will bring you from the Congress site to the river Garonne where you may admire the "Pont Neuf" bridge that is stylized in the IFAC 2017 logo. Close to the Garonne you will find many bars and restaurants and, on Friday 14th, after the farewell party, large fireworks and a concert will take place there. In the city center, congress participants and accompanying family and friends may stroll in the narrow ancient streets, discover the museums, galleries, shops, terraces, parks and appreciate the variations of pinkish/reddish bricks for which the city is named "Ville rose/Pink City." In coordination with the So*Toulouse! Tourist Office, visits to neighboring remarkable historical and natural sites (Albi, Cordes-sur-Ciel, Carcassonne, Cahors, Conques, Rocamadour, Andorra, Armagnac region, and others) will be organized.

The members of the National Organizing Committee are already hard at work to make the 20th IFAC World Congress a highly rewarding event. Over 150 colleagues from all French research centers that are involved in automatic control

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IFAC World Congress 2017 Update from Toulouse Organizers

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have kindly accepted to devote some of their precious time and contribute to the Congress organization, which is coordinated from Toulouse with the help of the professional manager, Jean-François Renac, who has been hired for the purpose. The administrative and financial side of the Congress are managed by CNRS, the French national organization for scientific research. CNRS also contributes scientifically via the GdR-MACS, the CNRS national research group for Automation and Control.

Dimitri Peaucelle, IFAC 2017 General Chair

To follow the organization process, people are kindly invited to refer to the news on the www.ifac2017.com homepage, as well as on Twitter@IFAC2017. You may for example, thanks to the publicity and social media team, be updated about new submitted open invited tracks. Some of the tracks have been solicited by the dedicated invited sessions and tracks team. Others are submitted spontaneously. A number of tracks on History of Automation and Control are expected to be launched thanks to the efforts of the IFAC 60th anniversary celebrations team. A track on Educational Demonstrators has already been submitted. The demonstrator team is hard at work to solicit other tracks and organize the required logistics on the congress site.

The Industrial task force is also involved in these efforts to attract industrial demonstrators. They lead an active sponsorship campaign and are planning the technical visits. We are extremely grateful to the Congress team, and look forward to welcoming you in Toulouse, in 2017.

News about 20th IFAC World Congress: www.ifac2017.org & twitter.com/IFAC2017 International Program Committee: www.ifac2017.org/IPC

Call for Papers: www.ifac2017.org/call4papers

Submission procedure: www.ifac2017.org/submit

Written by Dimitri Peaucelle, IFAC 2017 General Chair

Safeprocess 2015 2-4 September 2015 Paris, FR

The 9h IFAC Symposium on Fault Detection, Supervision and Safety for Technical Processes (SAFEPROCESS 2015) was held from 2-4 September at Arts et Métiers ParisTech (ENSAM), Paris, France. The symposium was organized by the French working group GDRMACS-S3 : Sûreté, Surveillance, Supervision (WG Safety, Monitoring, Supervision). The Symposium was sponsored by the IFAC Technical Committee on Fault Detection, Supervision and Safety of Technical Processes (TC 6.4). The technical co-sponsors were 10 other IFAC TCs (TC 1.1, TC 1.3, TC 4.2, TC 6.1, TC 6.2, TC 6.3, TC 7.2, TC 7.3, TC 7.4, TC 7.5) and the GDR MACS/ CNRS (French National Council for Scientific Research).

IPC Chair Prof. Steven Ding (Duisburg University, Germany), Prof. Didier Maquin (Lorraine University) and Prof. Michel Kinnaert (ULB – Brussels) chaired the International Program Committee (53 members) in charge of the peer review process. Dr Philippe Goupil from Airbus group and Dr Marco Pengov from PSA – Peugeot Citroën, were the IPC and NOC vice-chairs from industry.

Steven Ding IPC Chair

325 papers were submitted (237 regular and 88 invited). 234 papers were accepted (158 regular and 76 invited) and presented in 31 regular sessions, and 14 invited sessions. Five parallel tracks gathered 9 sessions of 5 or 6 papers each. More than 325 people from 42 countries participated in the symposium. Among them 45 people from industry were present.

This Safeprocess edition was held in conjunction with the International Workshop on Principles of Diagnosis (DX-15) that took place at Arts et Métiers ParisTech, from August 31 to September 3. This co-location of the two events was a great opportunity for better exchanges between the Artificial Intelligence and the Automatic Control communities. Some sessions shared by DX and SAFEPROCESS were organized on September 3. 56 people attended the two scientific events based on a joint registration.

n order to bridge the gap between Academia and Industry for encouraging innovation and cross-fertilization in the field of dependability in the broad sense (including diagnosis, fault tolerance, prognostic, maintenance…) a special poster session was organized by the National Organizing Committee on Thursday, 3 September, between 11:00 and 14:00. This session was a great success with 51 presented posters describing collaborating work between academia and industry. The SAFEPROCESS participants have appreciated this discussion forum around applied researches. Note that 20 participants from industry registered specifically to attend this session. Six exceptional keynote talks were delivered. They were:

• Prof. Richard Braatz, Massachusetts Institute of Technology, USA: Perspectives on Fault Detection and Identification in Industrial Systems

• Prof. Keith Worden, Dynamics Research Group, Department of Mechanical Engineering, University of Sheffield, UK: Structural Health Monitoring: from Structures to Systems-of-Systems

• Prof. Alessandro Giua, University of Cagliari, IT and Aix-Marseille University, FR: Diagnosis and diagnosability of discrete event systems using Petri nets

• Prof. Daniel Hissel, Université de Franche-Comté, FR: Diagnostic & health management of fuel cell systems – a state of the art

• Michel Comes, Airbus R&T Chief Engineer, Toulouse, FR: Future challenges for civil aircraft systems: how to combine safety, simplicity, virtuality and agility

• Prof. Donald L. Margolis, Department of Mechanical and Aerospace Engineering, University of California-Davis, USA: The Importance of Physical System Modeling to Industry: System Models that could have Prevented some Costly Mistakes

Three pre-symposium tutorials were organized on September 1, 2015. Among the 54 participants, there were 40 graduate and PhD students.
• Tutorial 1: Sliding Mode Methods for Fault Detection and Fault Tolerant Control, Prof. Christopher Edwards, University of Exeter, UK

• Tutorial 2: Structural Methods for Analysis and Design of Large-Scale Diagnosis Systems, Prof. Erik Frisk and Mattias Krysander, University of Linköping, SE

Check out IFAC's YouTube channel for new and historical IFAC video materials!

The link to the YouTube channel can be accessed via the IFAC website,
www.ifac-control.org

IFAC is now on social media!
Check out IFAC's presence on Facebook and Twitter. In addition check out the IFAC Blog at http://blog.ifac-control.org

Safeprocess 2015
continued

• Tutorial 3: Plug-and-play control and monitoring of large-scale systems, Prof. Giancarlo Ferrari-Trecate, University of Pavia, IT and Dr. Francesca Boem, Imperial College London, UK

Two awards were attributed. The "P.M Frank Award" was presented to the paper intitled "Merging Kalman Filtering and Zonotopic State Bounding for Robust Fault Detection under Noisy Environment" by Christophe Combastel. The ABB Award was presented to the paper entitled "Signal and Model-Based Fault Detection for Aircraft Systems" by Ali Zolghadri, Jérôme Cieslak, Denis Efimov, David Henry, Philippe Goupil, Rémy Dayre, Anca Gheorghe, and Hervé Le-Berre.

The SAFEPROCESS and DX participants were invited to lunch on 2 Sep, in the beautiful historic reception room of the town hall of the 13th district of Paris. The other lunches and coffee breaks were taken in the courtyard of the ENSAM school, in a very friendly and relaxed atmosphere. The gala dinner was held on a private boat on the Seine, the famous river of Paris! This was an unforgettable experience to discover the "City of Lights" and its prestigious monuments!

**Seine River Boat Cruise, Paris
SAFEPROCESS Gala Dinner**

The symposium provided a forum for stimulating discussions, scientific networking and collaborations. The quality of the technical presentations and the friendly atmosphere made the IFAC SAFEPROCESS 2015 a great success!

Submitted by Prof. Vincent Cocquempot, Lille University, SAFEPROCESS 2015 General Chair, with photos taken from:
http://safeprocess15.sciencesconf.org/

IFAC Newsletter readers are kindly requested to please keep your contact information current with IFAC by contacting the Secretariat or through the affiliate registration form. In addition keeping IFAC updated with your current technical areas of interest helps us to better provide you with interesting and relevent technical information!

http://www.ifac-control.org/about/ifac-affiliate-registration

IFAC Journals:
Journal of Process Control

The Journal of Process Control is celebrating its 25th anniversary this year, with its first issue dating back to January 1991. The journal became an affiliated journal of IFAC in 1995, and it has been an IFAC journal since 2002. As written on the journal webpage and on the second page of each paper copy of the journal, the Journal of Process Control covers the application of control theory, operations research, computer science and engineering principles to the solution of process control problems, as well as contributions on theory in these areas provided the theoretical contribution is aimed at process control.

The first Editor-in-Chief was John Perkins from Imperial College, London, United Kingdom. The initial structure of the editorial board was the one that lasted until the end of 2013, i.e. the EiC was helped by three Regional Editors (Iori Hashimoto for Asia/Australasia, Tom McAvoy for the Americas, and Dieter Gilles for Europe/Africa/Middle East) and several Associate Editors (there were 20 at the start of the journal).

**Denis Dochain
Editor-in-Chief,
Journal of Process Control**

Over the years the editorial board has undergone several changes. There have been so far four Editors-in-Chief. Tom McAvoy took over as EiC in 1997, and was replaced by Wolfgang Marquardt in 2009. Wolfgang Marquardt stepped down in 2014 to concentrate on his new position of Chairman of the Board of Directors of Forschungszentrum Juelich, one of the largest national research centers in Germany, and was replaced by Denis Dochain.

In addition, over the years there have been a number of changes concerning the Regional Editors. In 1994, Michael Brisk and Wolfgang Marquadt replacd Iori Hashimoto and Dieter Gilles, respectively.

Tom Marlin took over as Regional Editor when Tom McAvoy became Editor-in-Chief, while Peter Lee replaced Michael Brisk. Tom Marlin was replaced in 1999 by Yaman Arkun who stepped down a year later, and Larry Ricker joined the editorial board as Regional Editor for the Americas. Peter Lee was replaced by Hsiao-Ping Huang in 2006, and Manabu Kano took over in 2013. When Wolfgang Marquardt started as Editor-in-Chief in 2009, he was replaced as regional editor by Denis Dochain, the current Editor-in-Chief.

In 2014, the basic structure of the editorial board was changed, moving from a Regional Editors' organization to a structure involving four Subject Editors (Juergen Hahn, Manabu Kano, Gabriele Pannocchia, and Nicolas Petit) and one deputy editor (Martin Guay). Juergen Hahn was replaced as Subject Editor in 2016 by Joe Qin.

The number of submissions and of published papers as well as the indicators have been steadily increasing over the years. In 2015, there were 604 submissions and 442 accepted papers. Submissions from China, India and Iran (in this order) constitute more than 40% (41.55%) of the total number of submissions. The number of published pages 1452 in 2015. The impact factor is presently 2.653 for 2014, which places the journal in the top journals in automatic control. Initially the Journal of Process Control was publishing 4 issues a year, and now there is one issue per month.

The Journal of Process Control used to publish special issues gathering papers from the two events sponsored by TC 6.1 (Chemical Process Control), ADCHEM and DYCOPS, as well as from the World Congresses. This initiative was discontinued in 2015 due to the difficulties to gather consistent issues with the best papers from these events in a rather short period of time, knowing that these papers must be substantially different from those presented at the events and therefore published in IFAC-PapersOnLine.

In the meantime, other special issues are in preparation, one on Big Data in process control, and one on the modelling and control of pharmaceutical processes. Plans for the journal's 25th anniversary are also under discussion. Detailed information and updates concerning the Journal of Process Control can always be found on the webpage of the journal

http://www.journals.elsevier.com/journal-of-process-control/

Submitted by Denis Dochain, Editor-in-Chief, Journal of Process Control

Recent topics from the IFAC Blog include:

Autonomous road vehicles: a modern challenge for robust control

Controlling an autonomous refuse handling system

Wireless Automation and Industrial Internet

"Sustainable" control of offshore wind turbines

http://blog.ifac-control.org

Who's Who in IFAC:
IFAC Awards Committee Chair
Paul van den Hof

Paul van den Hof was born in 1957 in Maastricht, The Netherlands. He received the M.Sc. and Ph.D. degrees both from the Department of Electrical Engineering, Eindhoven University of Technology, The Netherlands in 1982 and 1989, respectively.

From 1986 to 1999 he was an assistant and associate professor in the Mechanical Engineering Systems and Control Group of Delft University of Technology (TUD), The Netherlands. From 1999 to 2003 he was a full professor in the Signals, Systems and Control Group of the Department of Applied Physics at Delft University of Technology. From 2003 to 2014 he was full professor and founding co-director (together with M. Verhaegen) of the Delft Center for Systems and Control (DCSC), with appointments at the Faculty of Mechanical, Maritime and Materials Engineering (3mE), and the Faculty of Applied Sciences. From 2004 to 2009 he was Department Head and Director of DCSC, and member of the management team of the Faculty 3mE of TUD. This role included the initiative for setting up an international MSc Programme Systems and Control.

Since 2012 he is full professor and chair of the Control Systems Group, Department of Electrical Engineering of Eindhoven University of Technology, The Netherlands.

From 2005 until 2014 he was also scientific director of the national research and graduate school „Dutch Institute of Systems and Control" (DISC), that is accredited by the Royal Netherlands Academy of Sciences, and that has obtained recognition and funding as a national Graduate Programme by the Netherlands Organization for Scientific Research (NWO) in 2010. In this capacity he was the national representative of the Netherlands NMO in IFAC.

Paul van den Hof

He was General Chair of the 13th IFAC Symposium on System Identification, held in Rotterdam, the Netherlands in 2003, Editor of the Symposium Proceedings, and Guest-Editor of the Automatica Special Issue „Data-Based Modelling and System Identification", March 2005. He was project coordinator of the EU funded project Autoprofit (Advanced Autonomous Model-Based Operation of Industrial Process Systems), 2010-2013.

Paul Van den Hof's research interests are in issues of system identification, parametrization, signal processing and model-based control design, with applications in industrial process control systems, including petroleum reservoir engineering systems, mechanical servo systems and physical measurement systems.

Currently van den Hof teaches in the graduate program of the research school DISC, and has been a guest lecturer in the Belgian graduate school on Systems and Control (1997, 2003, 2011), and in the University of Campina Grande, Brasil (2004), and he has been guest researcher at The University of Newcastle, NSW, Australia (1992, 2007), and the University of California at San Diego (2011).

He has been a member of the IFAC Council (1999-2005), Associate Editor of Automatica (1992-1999), Automatica Editor for Technical Communiques and Rapid Publications (1999-2005), elected member of the Board of Governors of IEEE Control Systems Society (2003-2005), and member of the Administrative Council of the European Union Control Association (EUCA). In 2007 he was elected as IFAC Fellow and as Fellow of IEEE.

In the period 2014-2017 he is chair of the IFAC Awards Commitee. The Awards Committee regulates and controls all IFAC award-related activities, and member of the IFAC Executive Board.

Submitted by Paul van den Hof,
Awards Committee Chair

Calendar of IFAC Events

Title	2016	Place	Further information
14th IFAC Symposium on Control in Transportation Systems CTS 2016	May 18 – 20	Istanbul Turkey	http://www.cts2016.itu.edu.tr/ e-mail: cts2016@itu.edu.tr
14th IFAC Symposium on Large Scale Complex Systems: Theory and Applications LSS 2016	May 26 – 28	Riverside USA	http://www.ee.ucr.edu/~ren/lss16 e-mail: not yet available
4th IFAC Conference on Intelligent Control and Automation Sciences ICONS 2016	June 01 – 03	Reims France	http://icons2016.univ-reims.fr/ e-mail: icons2016@univ-reims.fr
11th IFAC Symposium on Advances in Control Education ACE 2016	June 01 – 03	Bratislava Slovakia	http://www.ace2016.sk/ e-mail: info@ace2016.sk
11th IFAC Symposium on Dynamics and control of process systems, including biosystems DYCOPS 2016	June 06 – 08	Trondheim Norway	http://dycops2016.org/ e-mail: dycops2016@itk.ntnu.no
2nd IFAC/IEEE CSS Workshop on Control of Systems Governed by Partial Differential Equations CPDE 2016	June 13 – 15	Bertinoro Italy	http://www.cpde2016.org/ e-mail: cpde2016@gmail.com
8th IFAC Symposium on Advances in Automotive Control AAC 2016	June 20 – 23	Kolmården Wildlife R. Sweden	http://aac2016.isy.liu.se/ e-mail: aac2016@isy.liu.se
13th IFAC Workshop on Time Delay Systems TDS 2016	June 22 – 24	Istanbul Turkey	http://www.tds2016.itu.edu.tr/ e-mail: tds2016@itu.edu.tr

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Calendar of IFAC Events

Title	2016	Place	Further information
6th IFAC Symposium on System Structure and Control SSSC 2016	June 22 – 24	Istanbul Turkey	http://www.sssc2016.itu.edu.tr/ e-mail: sssc2016@itu.edu.tr
8th IFAC/IEEE/IFORS/INFORMS Conference on Manufacturing Modelling, Management and Control MIM 2016	June 28 – 30	Troyes France	http://mim2016.utt.fr/ e-mail: mim2016@utt.fr
12th IFAC Workshop on Adaptation and Learning in Control and Signal Processing ALCOPS 2016	June – July 29 – 01	Eindhoven Netherlands	http://alcosp2016.wtb.tue.nl/ e-mail: alcosp2016@tue.nl
6th IFAC Workshop on Periodic Control Systems PSYCO 2016	June – July 29 – 01	Eindhoven Netherlands	http://psyco2016.wtb.tue.nl/ e-mail: alcosp2016@tue.nl
15th EUCA, IEEE CSS IFAC Conference on European Control Conference (in cooperation with IFAC) ECC 2016	June – July 29 – 01	Aalborg Denmark	http://www.ecc16.eu/index.shtml e-mail: ecc2016@es.aau.dk
9th IFAC/IEEE RAS Symposium on Intelligent Autonomous Vehicles IAV 2016	June – July 29 – 01	Messe Leipzig Germany	http://iav2016.inf.h-brs.de/ e-mail: paul.ploeger@h-brs.de
Conference on American Control Conference (in cooperation with IFAC) ACC 2016	July 06 – 08	Boston USA	http://acc2016.a2c2.org/ e-mail: daniel_abramovitch@agilent.com
IEEE (CSS) and IEEE (SSIT) IFAC Conference on Norbert Wiener in the 21st Century	July 13 – 15	Melbourne Australia	http://21stcenturywiener.org/ e-mail: NorbertWiener-2016@unimelb.edu.au
Univ. of Novi Sad, IFAC, IUTAM, IEEE B. of Serbia& M. Conference on Fractional Differentiation and its Applications ICFDA 2016	July 18 – 20	Novi Sad Republic of Serbia	http://www.icfda16.com/public/ e-mail: icfda16@uns.ac.rs
13th Intern. INSTICC Conference on Informatics in Control, Automation and Robotics (in cooperation with IFAC) ICINCO 2016	July 29 – 31	Lisbon Portugal	http://www.icinco.org/ e-mail: icinco.secretariat@insticc.org
5th IFAC Conference on Sensing, Control and Automation Technologies for Agriculture AGRICONTROL 2016	August 14 – 17	Seattle, WA USA	http://ifac.cahnrs.wsu.edu/ e-mail: manoj.karkee@wsu.edu
20th IFAC Symposium on Automatic Control in Aerospace ACA 2016	August 21 – 25	Sherbrooke, Québec Canada	http://aca2016.ngcaerospace.com/ e-mail: aca2016@ngcaerospace.com
10th IFAC Symposium on Non-Linear Control Systems NOLCOS 2016	August 23 – 25	Monterey, CA USA	https://www.math.ucdavis.edu/static/conferences/nolcos_2016/ e-mail: NOLCOS2016@math.ucdavis.edu
13th IFAC/IFIP/IFORS/IEA Symposium on Analysis, Design, and Evaluation of Human-Machine Systems HMS 2016	Aug. – Sept. 30 – 02	Kyoto Japan	http://www.syn.me.kyoto-u.ac.jp/IFACHMS2016/ e-mail: sec-ifachms2016@me.kyoto-u.ac.jp
17th IFAC and others Symposium on Mining, Mineral and Metal Processing MMM 2016	Aug. – Sept. 31 – 02	Vienna Austria	http://www.ifacmmm2016.org/ e-mail: contact@ifacmmm2016.org
7th IFAC and others Symposium on Mechatronic Systems MECHATRONICS 2016	September 05 – 08	Loughborough University United Kingdom	http://www.mechatronics2016.lboro.ac.uk/ e-mail: mechatronics2016.lboro.ac.uk
6th IFAC Tokyo Institute of Techn. Workshop on Distributed Estimation and Control in Networked Systems NecSys 2016	September 08 – 09	Tokyo Japan	http://www.necsys2016.ctrl.titech.ac.jp/ e-mail: not yet available
9th EUROSIM IFAC Congress on Modelling and Simulation EUROSIM 2016	September 12 – 15	Oulo Finland	http://eurosim2016.automaatioseura.fi/ e-mail: office@automaatioseura.fi
10th IFAC Conference on Control Applications in Marine Systems CAMS 2016	September 13 – 16	Trondheim Norway	http://www.ifac-cams2016.com/ e-mail: cams@ifac-cams2016.com
12th APCA IFAC Portugese Conference on Automatic Control CONTROLO 2016	September 14 – 16	Guimarães Portugal	http://controlo2016.com e-mail: controlo2016@dei.uminho.pt

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Title	2016	Place	Further information
2nd IFAC Workshop on Thermodynamic Foundations for a Mathematical Systems Theory TFMST 2016	September 28 – 30	Vigo Spain	http://tfmst2016.com e-mail: tfmstii@viajeseci.es
14th IFAC/IEEE Conference on Programmable Devices and Embedded Systems PDES 2016	October 05 – 07	Brno Czech Republic	http://pdes-conference.eu/ e-mail: pdes2016@feec.vutbr.cz
6th IFAC, CACHE, IEEE CSS TC on Systems Biology Conference on Foundation of Systems Biology in Engineering FOSBE 2016	October 09 – 12	Magdeburg Germany	http://www.fosbe2016.ovgu.de/ e-mail: fosbe2016-I@ovgu.de
IFAC CZ&Slov. Nat. Com. CIGRE/CZ Nat. Com. CIRED Workshop on Control of Transmission and Distribution Smart Grids CTDSG 2016	October 11 – 13	Prague Czech Republic	http://www.ifac.ctdsg2016.cz/ e-mail: secretary@ifac.ctdsg2016.cz
Conference on Latin American Conference of Automatic Control (in cooperation with IFAC) XVII CLCA 2016	October 13 – 15	Medellin Colombia	http://www.eafit.edu.co/minisitios/clca-eafit/Paginas/default.aspx e-mail: oquinte1@eafit.edu.co
1st IFAC/IFIP Workshop on Control and Computers WOCO 2016	October 18 – 20	Valencia Spain	http://woco2016.upv.es/ e-mail: not yet available
3rd IFAC/IFIP WG 5.7/ESRA Workshop on Advanced Maintenance Engineering, Service and Technology AMEST 2016	October 19 – 21	Biarritz France	http://ifac-amest16.com/ e-mail: not yet available
17th IFAC EUROSIM Conference on Technology, Culture and International Stability TECIS 2016	October 26 – 28	Durres Albania	http://tecis2016.ubt-uni.net/ e-mail: tecis2016@ubt-uni.net
IEEE - CSS, The Asian Control Association, IFAC Conference on Australian Control Conference (in cooperation with IFAC) AUCC 2016	November 03 – 04	Newcastle Australia	http://www.aucc2016.org.au/ e-mail: not yet available
4th IFAC Symposium on Telematics Applications TA 2016	November 06 – 09	Porto Alegre - RS Brazil	http://ifactelematics2016.ece.ufrgs.br/ e-mail: ifactelematics2016@ece.ufrgs.br
8th INSTICC (SCITEPRESS) IFAC et al. Conference on International Joint Conference on Computational Intelligence IJCCI 2016	November 09 – 11	Porto Portugal	http://www.ijcci.org/ e-mail: ijcci.secretariat@insticc.org
12th IFAC Workshop on Intelligent Manufacturing Systems IMS 2016	December 05 – 07	Austin USA	http://www.ifacims2016.com/ e-mail: contact@imscenter.net
1st IFAC IEEE, EECI, NSF Conference on Cyber-Physical & Human-Systems CPHS 2016	December 07 – 09	Florianopolis Brazil	http://www.cphs2016.org/ e-mail: not yet available
Title	**2017**	**Place**	**Further information**
Conference on American Control Conference (in cooperation with IFAC) ACC 2017	May 07 – 09	Seattle, WA USA	http://acc2017.a2c2.org/ e-mail: jingsun@umich.edu
20th IFAC World Congress 2017	July 09 – 14	Toulouse France	http://www.ifac2017.org/ e-mail: contact@ifac2017.org
IEEE - CSS, IFAC, SICE, ICROS Conference on Conference on Asian Control Conference (in cooperation with IFAC) ASCC 2017	December 17 – 20	Gold Cast Australia	https://www.ascc2017.com/ e-mail: l.vlacic@griffith.edu.au