



International Federation of Automatic Control

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2014
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October

Newsletter

Message From IFAC President Janan Zaytoon

Contents:

Message From IFAC President Janan Zaytoon

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2014 IFAC World Congress,
Cape Town, South Africa

*

2014 IFAC Council and Related
Meetings (in conjunction with IFAFC
2014)

*

Forthcoming Events

Dear IFAC Friends and Colleagues, Ladies and Gentlemen.

It is a great honor and a privilege to address this distinguished Assembly. I am very grateful to you, the representatives of the National Member Organizations of IFAC, for having elected me to serve our Federation as its 21st President. Thank you for your generous support to IFAC over many years and I count on your continued support to IFAC in the future.

You are more than welcome to contact me anytime to discuss any issue related to IFAC activities and to the involvement of your NMO.

I would also like to congratulate the newly elected officials and I look forward to working with all of them. We are extremely fortunate and thankful that so many high quality volunteers are contributing to IFAC and devoting so much of their time to serve the automatic control community at large.

The formal French process of bidding for the IFAC World Congress started in 2006. Our intent was reaffirmed during the Council and related meetings in Toulouse in 2007, and during the IFAC friendship evening in Seoul (2008) where we unveiled the booklet "IFAC in France". We were finally awarded the bid to host the 2017 IFAC World Congress at the Council meeting in Baltimore, USA, in 2010.

The bidding process was a real team effort and I would like to express my sincere appreciation to our team consisting of Jean-Michel Dion, Serge Boverie, Dimitri Peaucelle, Didier Henrion, Denis Dochain, Louise Trave-Massuyes, Luc Dugard, Alexandre Dolgui, Isabelle Queinnec, Houria Siguerdidjane, Hervé Panetto, and many other wonderful colleagues from different French and Belgian institutions and research centers that I just don't have the time to mention them all. I would like to express my heartfelt thanks to Jean-Michel Dion, past Council member, for his precious help to obtain institutional and government funding and support to our bidding process. I am also very grateful for the support and the involvement of the Belgian NMO in the organization of the 2017 World Congress.

I am thankful to the support of my employer, the University of Reims Champagne-Ardenne,



IFAC President Janan Zaytoon

to my service to IFAC. And on a more personal level, I am enormously grateful to my wife Florence; without her generous and unselfish support, my IFAC involvement would not have been possible.

IFAC was founded in Paris in 1957, and Automatic Control has a long tradition in France. The more than 100 IFAC events organized so far or scheduled to take place in the coming years in France clearly demonstrate that the French automatic control community is strongly committed to IFAC and treasures its involvement in IFAC's activities.

My own involvement with IFAC started at the IFAC Conference on Integrated Systems Engineering, in Baden-Baden, Germany, in 1994, where I presented a paper. In 1999, I became the coordinator of the French NMO and have since been fortunate to contribute to IFAC at various levels, from being a Technical and Executive Committee member, and then Editorial Board member and Technical Committee Chair, to being a member of the Executive Board and Council. I have also chaired 7 IFAC events, initiated the series of IFAC Conferences on Analysis and Design of Hybrid Systems, and served as past Editor-in-Chief of an IFAC affiliated journal.

Our Federation is in good health thanks to the top-level quality of the individuals involved,

Continued on page 2

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Das Sekretariat der IFAC befindet sich seit 1978 aufgrund eines Übereinkommens mit der Österreichischen Bundesregierung und mit der Österreichischen Akademie der Wissenschaften in Laxenburg und wird derzeit aus Mitteln des Bundesministeriums für Verkehr, Innovation und Technologie „BMVIT“ gefördert.



Bundesministerium
für Verkehr,
Innovation und Technologie

Continued from page 1

From Editorial teams of our journals; to the technical and executive boards and their committees that rely on the highly competent efforts of more than 2000 volunteers.

I wish to express my sincerest thanks to all previous leaders of IFAC, for having managed the Federation so well over the past years. I am very grateful to IFAC Past Presidents Brian Anderson, Steve Kahne, Pedro Albertos, Vladimir Kucera, Wook Kwon, Alberto Isidori, and Ian Craig for their support and advice, and for the opportunities they gave me to serve IFAC in various roles.

In particular, I wish to congratulate Ian Craig for his vision and his great achievements. President Craig's term of office will be long remembered in IFAC's history as the term during which a very important and successful strategic review process of IFAC missions and procedures was conducted. The whole process has resulted in a tremendous added value to the brand and the quality of activities of our Federation and will inspire future IFAC actions and projects for many years to come.

During his triennium as president, Ian Craig was very ably assisted by Vice-Presidents Roger Goodall and Iven Mareels, Immediate Past President Alberto Isidori, and Treasurer, Lino Guzzella and then John Lygeros. I have really appreciated working with all of them and have greatly benefited from their advice and their help.

My duties will be to ensure that IFAC builds on the strong and solid foundation laid by my predecessors to make IFAC, and control science and engineering, attractive for larger sets of young people. During my term of office (2014 to 2017) many initiatives and projects will be conducted to:

- **better involve young people and women in IFAC activities, and create new awards for young people;**
- **better reach new people from less favored regions with the help of the IFAC Foundation. In this respect, the NMOs will be consulted by a postal ballot to introduce a special category membership for NMOs from less favored regions;**
- **complete the contents of IFAC-PapersOn-Line by scanning the old IFAC event proceedings that are currently only available on paper in IFAC archives;**
- **strengthen the IFAC journals portfolio and the role of education within IFAC;**
- **better articulate to industry the value of IFAC's activities;**
- **raise the visibility and outreach of IFAC through social media, reinforcement of IFAC branding and archiving of IFAC history;**
- **and additionally-- to provide assistance to the website management of our technical activities.**

The IFAC finances will be used wisely to implement these projects.

I am very fortunate to begin a term of office with the help of an outstanding team of officers, including Past President Ian Craig, President-Elect Frank Allgöwer, TB Chair Frank Doyle, EB Chair Sergio Bittanti, and our Treasurer John Lygeros, as well as a strong team of advisors and officials.

We are also very thankful to the excellent support that we continue to receive from our Secretary Kurt Schlacher and his team in Laxenburg, Harald Albrecht, Elske Haberl and Katharina Willixhofer, who is attending her first IFAC World Congress this year.

I am happy that a new contract that manages the excellent relationship between IFAC and our prestigious publisher, Elsevier, has been established. According to this contract, PapersOnLine will move to Science Direct with the aim of reinforcing its indexing coverage.

We are extremely grateful for the longstanding support of the Austrian government and now the Austrian Ministry of Technology and Innovation (BMVIT) to the activities of IFAC. I would therefore like you to join me in expressing our sincere thanks to Mr Michael Wiesmüller who is the representative of BMVIT.

All that remains for me is to invite you to attend the 2017 IFAC World Congress in Toulouse, France, where we will celebrate the 60th anniversary of IFAC. The Congress team is already hard at work to make this a highly rewarding, memorable and enjoyable event.

Thank you.

19th IFAC World Congress Cape Town, South Africa 24 – 29 August 2014

PLENARY LECTURES

Professor Ian Craig (IFAC President 2011-2014) received a large number of excellent suggestions for plenary and semi-plenary lectures. The final list of plenary speakers was as follows:

- **Hajime Asama**, The University of Tokyo
- **Lei Guo**, Chinese Academy of Sciences
- **Thomas Jones**, Stellenbosch University
- **Mustafa Khammash**, Swiss Federal Institute of Technology Zurich (EHTZ)
- **Naomi Leonard**, Princeton University
- **Jack Little**, MathWorks
- **Joseph Lu**, Honeywell Process Solutions
- **Richard Murray**, California Institute of Technology
- **Ernst Scholtz**, ABB Corporate Research
- **David Vos**, Tebogo LLC

TECHNICAL PAPERS

The total number of papers received and in the final programme is summarised in Table 1 below. The papers per Coordinating Committee are also shown. Because all the Invited Sessions are grouped together, it does not give a full picture of the contribution in each area.

Table 1 Paper statistics

| Received/Accepted into final programme | | |
|--|-------------|-------------|
| Contributed extended abstract | 10 | 6 |
| Contributed regular paper | 2064 | 1512 |
| Contributed survey paper | 12 | 7 |
| Interactive paper | 5 | 5 |
| Invited extended abstract | 1 | 1 |
| Invited keynote paper | 9 | 9 |
| Invited regular paper | 547 | 459 |
| Totals | 2648 | 1999 |

In the peer review process, 7117 review reports were obtained and processed, making an average of 2.7 reviews per paper. The effort of editors, associate editors and reviewers in this significant task is acknowledged.

Papers in the final programme by Coordinating Committee with Invited Session papers represented separately.

Coordinating Committee/Papers in Program

| | |
|--------------------------------------|-----|
| Systems & Signals | 359 |
| Design Methods | 404 |
| Computers, Cognition & Communication | 43 |
| Mechatronics, Robotics & Components | 206 |
| Manufacturing Systems | 68 |
| Industrial Systems | 281 |
| Transportation & Vehicles Systems | 187 |
| Bio & Ecological Systems | 109 |
| Social Systems | 35 |
| Invited Sessions | 307 |

AUTHOR STATISTICS

There were 6420 individual authors of accepted papers (excluding plenary speakers) from 73 countries.

Contributed & Invited Papers in Program (All Authors)

Table 1 Distribution of authors of accepted papers per country

Country Accepted papers (All Authors)

| | |
|--------------------------|-----|
| China | 735 |
| France | 680 |
| United States of America | 532 |
| Italy | 519 |
| Germany | 517 |
| Sweden | 265 |
| Spain | 250 |
| Australia | 229 |
| United Kingdom | 226 |
| Brazil | 210 |
| Japan | 201 |
| Netherlands | 165 |
| New Zealand | 153 |
| Russia | 138 |
| Belgium | 117 |

| | |
|----------------------|-----|
| Denmark | 112 |
| South Africa | 111 |
| Canada | 103 |
| Switzerland | 101 |
| Korea, South | 92 |
| Mexico | 82 |
| Czech Republic | 76 |
| Austria | 64 |
| Norway | 63 |
| Portugal | 57 |
| Slovakia | 55 |
| Poland | 51 |
| Finland | 49 |
| India | 48 |
| Turkey | 44 |
| Hungary | 38 |
| Singapore | 33 |
| Romania | 30 |
| Chile | 23 |
| Iran | 23 |
| Greece | 22 |
| Ireland | 22 |
| Israel | 21 |
| Slovenia | 19 |
| Taiwan | 19 |
| Croatia | 11 |
| Morocco | 11 |
| Algeria | 9 |
| Argentina | 8 |
| Saudi Arabia | 7 |
| Estonia | 6 |
| Colombia | 5 |
| Cuba | 5 |
| Nigeria | 5 |
| Qatar | 5 |
| Ukraine | 5 |
| United Arab Emirates | 4 |
| Botswana | 3 |
| Malaysia | 3 |
| Pakistan | 3 |
| Sudan | 3 |
| Thailand | 3 |
| Ecuador | 2 |
| Egypt | 2 |
| Indonesia | 2 |
| Luxembourg | 2 |
| Serbia | 2 |
| Bangladesh | 1 |
| Belarus | 1 |
| Bulgaria | 1 |
| Cameroon | 1 |
| Cyprus | 1 |
| Mauritius | 1 |
| Peru | 1 |
| Trinidad and Tobago | 1 |
| Vietnam | 1 |
| Zambia | 1 |

Total Authors 6420
Total Countries 73

THANKS

The IFAC World Congress is a large, high quality scientific event and with respect to the technical programme thanks are due to the IPC, the Editors, Associate Editors, Technical Associate Editors, reviewers and authors. For the practical success of the

Congress, thanks are due to the National Organising Committee, the South African Council for Automation and Control (the IFAC NMO), the IFAC Secretariat, the sponsors, the professional conference organiser (African Agenda) and the team at PaperCept paper management system.

International Program Committee

• **IPC Co-Chairs:** E Boje (ZA), X Xia (ZA)

• **IPC Vice Chairs:** I Mareels (AU), S Boverie (FR), D Cho (KR)

• **IPC Members:** G Irwin (GB), S Bittanti (IT), D Henrion (FR), J Stoustrup (DK), J de la Puente (ES), D Dochain (BE), P Misra (US), M Braae (ZA), T Jones (ZA), P van den Hof (NL), T Samad (US)

• **IPC Advisors:** I Craig (ZA), A Isidori (IT), J Zaytoon (FR), L Guzzella (CH), R Goodall (GB), I Mareels (AU), J Lygeros (CH)

• **IPC Editors:** H Asama (JP), P Colaneri (IT), M Colnaric (SI), F Doyle III (US), H Hjalmarsson (SE), F Lamnabhi-Lagarigue (FR), L Monostori (HU), S Skogestad (NO), D Zuehlke (DE)

• **IPC Associate Editors:** M Campi (IT), A Fradkov (RU), A Giua (IT), C Charalambous (CY), H Ishii (JP), A Astolfi (GB), G Conte (IT), L Marconi (IT), A Tarasyev (RU), F Dabbene (IT), T Meurer (DE), M Węgrzyn (PL), A Barros Ruano (PT), K Schilling (DE), I Dumitrache (RO), R Moheimani (AU), P Korondi (HU), F Vanderhaegen (FR), P Valckenaers (BE), A Dolgui (FR), H Panetto (FR), M Brdys (GB), J Lee (KR), L Bergh (CL), I Erlich (DE), J Stoustrup (DK), G Rizzo (IT), A Pascoal (PT), H Siguerdidjane (FR), T Stoilov (BG), G Indiveri (IT), N Noguchi (JP), S Andreassen (DK), A Castelletti (IT), I Smets (BE), F-Y Wang (CN), W Perruquetti (FR), B Pasik-Duncan (US), L Stapleton (IE)

• **IPC Technical Associated Editors:** HRM Aalto, AP Aguiar, I Arsie, K Asano, A Astolfi, J Back, E-W Bai, L Bakule, SS Banda, R Bars, M Basseville, B Benyo, M Berenguel, A Bobtsov, M Brdys, D Bresch-Pietri, C Buii, M Campi, SI Caramihai, M Casini, JA Castellanos, S Celikovskiy, Y Chamailard, CW Chan, V Chapurlat, CD Charalambous, T Charalambous, H Chen, G Chesi, GTC Chiu, A Chiuso, DJ Chmielewski, G Conte, EF Costa, M Dassisti, J De Baerdemaeker, K Deng, T Desai, A Desbiens, S Dey, A Di Febbraro, C Diedrich, PD Docherty, A Dolgui, VS Dos Santos Martins, D Efimov, L Eriksson, I Erlich, ND Evans, J-M Faure, S Galelli, SS Ge, F Giri, A Giua, M Grover, M Guay, TM Guerra, L Guvenc,

E Gyurkovics, C Hadjicostis, M Heemels, UR Helmke, J-C Hennet, D Henrion, G Herrmann, J Hespanha, S Hirche, J Huang, G Indiveri, H Ishii, H Ito, B Iung, F Jabbari, K Janschek, R Jardim-Goncalves, B Jayawardhana, Z-P Jiang, KH Johansson, R Johansson, U Jumar, M Kano, I Karafyllis, DS Karbing, N Karcanias, M Kinnaert, P Kopacek, P Korondi, MV Kothare, Ü Kotta, L Kovacs, UB Kucukdemiral, A Kugi, CM Lagoa, Y Le Gorrec, KY Lee, J-J Lesage, ZL Lin, ZY Lin, V Lippiello, JJ Loiseau, M Macchi, JAT Machado, Y Majanne, L Marconi, B Maschke, M Matteucci, F Mayer, L Menini, T Meurer, W Michiels, SOR Moheimani, S Mondie, C Moog, M Nagai, S Narayanan, P Nenninger, S-I Niculescu, N Noguchi, G Notarstefano, C Ocampo-Martinez, N Olgac, G Oriolo, H Ozbay, H Panetto, S Panzieri, T Parisini, AM Pascoal, I Petrovic, S Pickl, U Pielmeier, AY Pogromsky, M-N Pons, C Pretty, C Prieur, SE Rees, G Rizzo, A Ruano, J Rudolph, J Sabatier, S Savaresi, T Sawaragi, O Sawodny, C Scali, A Sebastian, O Sename, A Serrani, S Sharma, T Shen, H Siguerdidjane, I Smets, B Solvang, M Soroush, M Sorrentino, SK Spurgeon, L Stapleton, T Stoilov, J Stoustrup, O Stursberg, A Tarasyev, T Thomessen, A Tsourdos, V Turetsky, P Valckenaers, RRP van Nooijen, G van Straten, F Vanderhaegen, B Vanek, R Vazquez, M Verhaegen, A Visioli, B Vogel-Heuser, F-Y Wang, H Weber, M Węgrzyn, E Weyer, JJ Winkin, F Woittennek, Y Xi, T Yamaguchi, M Zdravkovic, J Zhang, Y Zhang, Q-C Zhong, MC Zhou

National Organising Committee

• **Chair:** F Camisani

• **Members:** C Aldrich, E Boje, K Brooks, L Coetzee, I Craig, T Jones, R Marumo, K Matjila, J McKenzie, F Nelwamondo, O Nyandoro, K Oosthuizen, R Roberts, C Sandrock, D Stepto, H Steyn, R Tzoneva, K Uren, P van Vuuren, J Viljoen, X Xia

• **African Agenda (PCO):** K Burton, K Tremer

Submitted
 by Ed Boje, IPC Co-Chair

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Highlights from the 2014 IFAC World Congress and Related Meetings



Celebrating the birthday of IFAC Advisor Mohammed Mansour after the Incoming Council held on Saturday, 30 August 2014. Pictured: IFAC Advisor Mohammed Mansour, IFAC President Janan Zaytoon and wife Florence Zaytoon.

Mansour served IFAC from 1981 – 1993 as IFAC treasurer.

Photo taken by IFAC Secretariat. All other photos available on the photo link at <http://www.ifac2014.org> and used with permission.



Plenary lecture given by Naomi Leonard (a 2011-2014 IFAC Fellow) of Princeton University, US. This year there were 10 plenary speakers at the IFAC World Congress.



Bozena Pasik-Duncan (US) receiving her IFAC Fellow Award. This triennium saw a record-breaking number of IFAC Fellow Awards being awarded to women.

In addition Pasik-Duncan was the chair of TC 9.4 which hosted a workshop for high school students interested in control-related topics at the 2014 IFAC World Congress.



The IFAC Secretariat at work during the IFAC General Assembly, which was held on 25 August 2014. Pictured: IFAC Secretary Kurt Schlacher and Secretariat staff members Katharina Willixhofer and Elske Haberl. During the 2011-2014 triennium the Secretariat transitioned to new staff due to the 2012 retirements of Barbara Aumann and Ernestine Rudas.



IFAC President Ian Craig (2011-2014) and his family welcomed invited guests from South Africa and abroad to the IFAC President's Dinner, which was held at The Lookout, Cape Town, South Africa, on Saturday, 23 August 2014.



Two of the new Ordinary Council members for the 2014-2017 triennium. Pictured at the IFAC President's Dinner: Radhakant Padhi (India) and Ian Petersen (Australia).

Other new Ordinary Council members for the 2014-2017 triennium are: Jozsef Bokor (HU), Eduardo Camacho (ES), Dong-il (Dan) Cho (KR), Derong Liu (CN), and Sarah Spurgeon (UK).



Former IFAC Treasurer Lino Guzzella receiving his IFAC Advisor seal and certificate from Ian Craig. Each IFAC President may appoint advisors at the end of his/her presidential term of service. Ian Craig appointed four advisors. Listed in alphabetical order they are: Roger Goodall (UK), Lino Guzzella (CH), Alberto Isidori (IT), and Iven Mareels (AU).

On the subject of IFAC Advisors: Article 22 a) of the IFAC Constitution was amended at the 2014 General Assembly to bring several advisors appointed in previous triennia into compliance with the IFAC Constitution. The new wording is now included in the IFAC Constitution which is available on the IFAC website at:

<http://www.ifac-control.org/about/IFAC%20Constitution-and-By-Laws.pdf/view>



IFAC President Ian Craig (2011-2014) with Chris Greenwell of IFAC publisher Elsevier and Outstanding Service Award winner during the 2011-2014 triennium, and Fei-Yue Wang (China), former TC 9.1 chair and current PubCom member for 2014-2017.

Due to a promotion within Elsevier, IFAC's publisher, Chris Greenwell has moved on to new responsibilities. Adam Wheeler is now serving as IFAC's Elsevier representative, a role which he has held since 2013.

Two new Elsevier contracts signed in Cape Town continue the Elsevier/IFAC relationship through 2020.



FORTHCOMING EVENTS

2014
No. 5
October

| Title | 2014 | Place | Further Information |
|--|-----------------------|--------------------------------------|---|
| IEEE/IFAC, SAE and others Conference on Connected Vehicles & Expo 3rd ICCVE 2014 | November 03 – 07 | Vienna Austria | http://www.iccve.org/ e-mail: committee@iccve.org |
| Title | 2015 | Place | Further Information |
| 8th TU Vienna/IFAC Conference on Mathematical Modelling MATHMOD 2015 | February 18 – 20 | Vienna Austria | http://www.mathmod.at e-mail: info@mathmod.at |
| 4th IFAC/SUT/ONR Workshop on Navigation, Guidance and Control of Underwater Vehicles NGCUV 2015 | April 15 – 17 | Girona Spain | http://ngcuv.udg.edu/ e-mail: mvs2015@unisalento.it |
| 15th IFAC/IEEE/IFIP/IFORS Symposium on Information Control Problems in Manufacturing INCOM 2015 | May 11 – 13 | Ottawa Canada | http://incom2015.org/ e-mail: secr@incom2015.org |
| 13th IFAC/IEEE Conference on Programmable Devices and Embedded Systems PDES 2015 | May 13 – 15 | Cracow Poland | http://pdes.polsl.pl/ e-mail: pdes@polsl.pl |
| 3rd IFAC/IEEE Workshop on Multivehicle Systems MVS 2015 | May 18 | Genova Italy | http://mvs2015.unisalento.it/ e-mail: mvs2015@unisalento.it |
| 2nd IFAC Workshop on Automatic Control in Offshore Oil and Gas Production OOGP 2015 | May 27 – 29 | Florianopolis Brazil | http://www.ifac-oilfield.ufsc.br/ e-mail: not yet available |
| 5th IFAC Workshop on Dependable Control of Discrete Systems DCDS 2015 | May 27 – 29 | Cancun Mexico | http://not yet available e-mail: not yet available |
| Asian Control Conference (ASCC) in cooperation with IFAC | May – June 31 – 03 | Kota Kinabalu Malaysia | http://ascc2015.com/ e-mail: secretariat@ascc2015.com |
| 9th IFAC Symposium on Advanced Control of Chemical Processes ADCHEM 2015 | June 07 – 10 | Whistler Canada | http://www.adchem2015.ca/ e-mail: adchem.2015@ualberta.ca |
| IFAC Workshop on Advanced Control and Navigation for Autonomous Aerospace Vehicles ACNAAV 2015 | June 10 – 12 | Seville Spain | http://www.aero.us.es/acnaav15 e-mail: rvazquez1@us.es |
| 2nd IFAC Conference on Embedded Systems, Computer Intelligence and Telematics CESCIT 2015 | June 22 – 24 | Maribor Slovenia | http://cescit2015.um.si/ e-mail: cescit2015@um.si |
| 1st IFAC Conference on Modelling, Identification and Control of Nonlinear Systems MICNON 2015 | June 24 – 26 | St. Petersburg Russian Federation | http://micnon2015.org/ e-mail: not yet available |
| 12nd IFAC Workshop on Time Delay Systems TDS 2015 | June 28 – 30 | Ann Arbor, MI USA | http://me.engin.umich.edu/dirifac/ e-mail: timedelay2015@umich.edu |
| American Control Conference (ACC) in cooperation with IFAC | July 01 – 03 | Chicago, IL USA | http://www.a2c2.org/conferences/acc2015/ e-mail: braatz@mit.edu |
| 8th IFAC Symposium on Robust Control Design ROCOND 2015 | July 08 – 11 | Bratislava Slovakia | http://www.rocond15.sk e-mail: info@rocond15.sk |
| European Control Conference (ECC) in cooperation with IFAC | July 15 – 17 | Linz Austria | http://www.ecc15.at/ e-mail: secretariat@ecc15.at |
| AICHE's, PD2M Meeting on Foundations of Systems Biology in Engineering - FOSBE 2015 in cooperation with IFAC | August 09 – 12 | Boston, MA USA | http://fosbe.org/ e-mail: rcraven@fosbe.org |
| 4th IFAC Workshop on Engine and Powertrain Control, Simulation and Modeling E-COSM 2015 | August 23 – 26 | Columbus, OH USA | http://not yet available e-mail: not yet available |



FORTHCOMING EVENTS (ctd.)

2014
No. 5
October

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|---|-------------------------|---------------------------------|---|
| 10th IFAC Conference on Manoeuvring and Control of Marine Craft MCMC 2015 | August 24 – 26 | Copenhagen Denmark | http://www.conferencemanager.dk/mcmc2015/ e-mail: secretariat@mcmc2015.dk |
| 4th IFAC Conference on Analysis and Control of Chaotic Systems CHAOS 2015 | August 26 – 28 | Tokyo Japan | http://ctrl.mech.se.tmu.ac.jp/chaos2015 e-mail: not yet available |
| 9th IFAC Symposium on Biological and Medical Systems BMS 2015 | Aug. – Sept. 31 – 02 | Berlin Germany | http://www.bms2015.org e-mail: info@bms2015.org |
| 9th IFAC Symposium on Fault Detection, Supervision and Safety of Technical Processes SAFEPROCESS 2015 | September 02 – 04 | Paris France | http://safeprocess15.sciencesconf.org/ e-mail: contact@safeprocess2015.fr |
| 5th IFAC Conference on Nonlinear Model Predictive Control NMPC 2015 | September 17 – 20 | Seville Spain | http://disa.us.es/nmpc15/ e-mail: d1m@us.es |
| 16th IFAC Conference on Technology, Culture and International Stability TECIS 2015 | September 24 – 27 | Sozopol Bulgaria | http://www.tecis.tu-plovdiv.bg/ e-mail: tecis@tu-plovdiv.bg |
| 16th IFAC Workshop on Control Applications of Optimization CAO 2015 | October 06 – 09 | Garmisch-Partenk. Germany | http://not yet available e-mail: not yet available |
| 1st IFAC Workshop on Linear Parameter Varying systems LPVS 2015 | October 07 – 09 | Grenoble France | http://www.gipsa-lab.fr/LPVS2015/ e-mail: sssc2013@gipsa-lab.grenoble-inp.fr |
| 5th IFAC Conference on Analysis and Design of Hybrid Systems ADHS 2015 | October 14 – 16 | Atlanta, Georgia USA | http://not yet available e-mail: e-mail: not yet available |
| 17th IFAC/IEEE/CSS Symposium on System Identification SYSID 2015 | October 19 – 21 | Beijing China | http://sysid2015.info/index.html e-mail: secretariat@sysid2015.info |
| 9th IFAC Symposium on Control of Power and Energy Systems CPES 2015 | December 09 – 11 | New Delhi India | http://www.cpes2015.org/ e-mail: info@cpes2015.org |
| Title | 2016 | Place | Further Information |
| 7th IFAC Conference on Management and Control of Production and Logistics MCPL 2016 | February 22 – 24 | Bremen Germany | http://not yet available e-mail: not yet available |
| 11th IFAC Symposium on Dynamics and Control of Process Systems, including Biosystems DYCOPS 2016 | June 06 – 08 | Trondheim Norway | http://not yet available e-mail: not yet available |
| 8th IFAC Symposium on Advances in Automotive Control AAC 2016 | June 20 – 23 | Kolmården Wildlife R. Sweden | http://not yet available e-mail: not yet available |
| 8th IFAC/IEEE and others Conference on Manufacturing Modelling, Management and Control MIM 2016 | June 28 – 30 | Troyes France | http://mim2016.utt.fr/ e-mail: mim2016@utt.fr |
| 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 | http://not yet available e-mail: not yet available |
| 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: not yet available |
| Title | 2017 | Place | Further Information |
| 20th IFAC World Congress | July 09 – 14 | Toulouse France | http://www.ifac2017.org/ e-mail: contact@ifac2017.org |