Contents:

18th IFAC World Congress Photographs Available on Congress Website
* IFAC Journals and Elsevier
* IFAC Journal Awards
* IFAC Fellows 2011 (continued)
* Forthcoming Events
* 50 Years of Chinese NMO in IFAC
* In Memory of Professor Yoshikazu Sawaragi

18th IFAC World Congress Photographs on Congress Website

Photos and videos from the 18th IFAC World Congress in Milan, Italy from 28 August – 2 September, 2011 are now available. They can be viewed on the IFAC 2011 webpage, located at

http://www.ifac2011.org

IFAC Journals and Elsevier

For more than 25 years, Elsevier and IFAC have collaborated on publications activities, with the intention of providing high quality international scientific and technical literature in control engineering and related disciplines.

Elsevier’s position as the undisputed market leader in scientific publications, and IFAC’s unsurpassed ability to bring together automatic control professionals from around the world, have resulted in a unique and enduring partnership, able to deliver the best of the research in control engineering, directly to your desktop.

The six IFAC Journals provide archival research of the very highest calibre, both from IFAC technical meetings and from directly submitted papers. All the Journals are available electronically as part of ScienceDirect.

A description of the IFAC Journals:

Automatica

Automatica is a broad control journal, publishing a mixture of theory and applications. It is the longest-established IFAC journal and is one of the world’s leading control engineering journals, with a high impact factor and a deserved reputation for excellence. Automatica publishes regular papers, brief papers, technical communiqués, survey papers, and book reviews.

Control Engineering Practice

CEP is an applications journal covering a broad range of technologies and industries. The journal publishes directly submitted papers as well as special sections based on IFAC conferences and other interesting topics. All papers are expected to show practical results or to demonstrate application to genuine industrial problems.

Annual Reviews in Control

 ARC is a small review journal publishing a selection of survey-like papers from IFAC meetings as well as directly commissioned material. The journal publishes two issues a year and is commissioning original review material covering important topics in control engineering.

Journal of Process Control

JPC covers chemical process control and related technologies. The journal is a well-respected and high-impact niche title with a deserved reputation for excellence. JPC publishes regular papers, survey papers, correspondence and book reviews.

Engineering Applications of Artificial Intelligence

EAAI covers intelligent real-time automation and wider aspects of computer control, including algorithms and architectures, as well as AI techniques.

Mechatronics

Mechatronics is the synergistic combination of precision mechanical engineering, electronic control and systems thinking in the design of products and manufacturing processes. It relates to the design of systems, devices and products aimed at achieving an optimal balance between basic mechanical structure and its overall control. The purpose of this journal is to provide rapid publication of topical papers featuring practical developments in mechatronics.
IFAC Journals Best Papers Awards

At each IFAC World Congress the Journals of IFAC award prizes for those papers that have been deemed to be making an outstanding contribution to the area covered by the scope of the Journal. These prizes are selected by the Editors and Editorial boards of the Journals from amongst those papers published in the previous triennium and funded by the IFAC Publisher, Elsevier Ltd.

The papers presented below are the winners of the various paper prizes from the triennium that concluded with the 18th IFAC World Congress which took place in Milan, Italy from August 28 – September 2, 2011.

**Automatica**

Survey Prize:  
A unified point of view on output feedback designs for global asymptotic stabilization  
by Vincent Andrieu and Laurent Praly, France

Theory/Methodology Prize:  
Controllability and observability of Boolean control networks  
by Daizhan Cheng and Hongsheng Qi, China, P.R.

Applications Prize:  
Continuous trajectory planning of mobile sensors for informative forecasting  
Vol. 46 Issue 8, pp. 1266-1275, 2010  
Han-Lim Choi (Korea), Jonathan P. How (USA)

**Control Engineering Practice**

Design, tuning, and evaluation of a full-range adaptive cruise control system with collision avoidance  
Vol. 17, Issue 4, pp. 442-455, 2009  
Seung-Wuk Moon, Ilki Moon, Kyongsu Yi  
(Korea, Rep.)

On optimal motorcycle braking  
Matteo Corino, Sergio Matteo Savaresi, Mara Tannelli, Luca Fabbri (Italy)

Tuning and auto-tuning of fractional order controllers for industry applications  
Concepción A. Monje, Blas Vinagre, Vicente Feliu (all Spain), YangQuan Chen (USA)

**Engineering Applications of AI**

Theory Prize:  
Two coding based adaptive parallel co-generative algorithm with double agents structure  
Vol. 23, Issue 4, pp. 526-542, 2010  
Yongming Li, Xiaoping Zeng, Liang Han, Pin Wang (China, P.R.)

Application Prize:  
Pareto optimization of a five-degree of freedom vehicle vibration model using a multi-objective uniform-diversity genetic algorithm (MUGA)  
Vol. 23, Issue 4, pp. 543-551, 2010  
N. Nariman-Zadeh, M. Salehpour, A. Jamali, E. Haghgo (Iran)

**Mechantronics**

A practical approach to the design and control of active endoscopes  
Vol. 20, Issue 2, pp. 251–264, 2010  
Vincent De Sars, Sinan Haliyo, Jerome Szweczy (France)

Design and input-shaping control of a novel scanner for high-speed atomic force microscopy  
Georg Schitter (Austria), Philipp J. Thurner, Paul K. Hansma (both USA)

A miniature milling spindle with Active Magnetic Bearings  
Maarten H. Kimman, H.H. Langen, R.H. Munnig Schmidt (Netherlands)

**Journal of Process Control**

Survey Paper Prize:  
Survey on iterative learning control, repetitive control, and run-to-run control  
Vol. 19, Issue 10, pp. 1589-1600, 2009  
Youping Wang (USA), Fyong Gao (Hong Kong), Francis J. Doyle III (USA)

Applications Paper Prize:  
Feedback control and optimization for the production of commercial fuels by blending  
Vol. 20, Issue 4, pp. 441-451, 2010  
M. Chébre, Y. Creff, N. Petit (France)

Theory Paper Prize:  
Integration of real-time optimization and model predictive control  
Vol. 20, Issue 2, pp. 125-133, 2010  
Veronica Adetola, Martin Guay (Canada)

S. O. Reza Moheimani received a BSc degree in Electrical and Electronics Engineering from Shiraz University, Iran in 1990. He then moved to Australia and completed a MEngSc and a Ph.D. in electrical engineering at the University of New South Wales in 1993 (at UNSW’s Kensington Campus, in Sydney) and 1996 (at UNSW’s Australian Defence Force Academy Campus in Canberra), respectively. Following completion of his Ph.D. he was a postdoctoral research fellow at the Australian Defence Force Academy, Canberra, Australia.

In 1997 he took up an academic position at the University of Newcastle, where he is currently a Professor and an Australian Research Council Future Fellow in the School of Electrical Engineering and Computer Science. He founded, and directs, the Laboratory for Dynamics and Control of Nano-systems, a multi-million-dollar state-of-the-art research facility dedicated to the advancement of nanotechnology through innovations in systems theory and control engineering. From 2003 – 2010 he served as the Associate Director of Centre for Complex Dynamic Systems and Control (CDS&C), an Australian Research Council Centre of Excellence.

His research has ranged across many areas including robust control theory and robust state estimation on uncertain dynamical systems, applications of control and estimation in nanoscale positioning systems for high-speed scanning probe microscopy, smart structures, active control of noise and vibration, mechantronics and applications of control in microelectromechanical systems (MEMS) and in emerging data storage systems, in which he has published over 200 articles in scientific journals and conference proceedings, as well as several books and edited volumes.

He has served on the editorial boards of a number of journals, including IEEE Transactions on Control Systems Technology, IEEE/ASME Transactions on Mechatronics, Control Engineering Practice and International Journal of Control, Automation and Systems. He has contributed to the organization of and has chaired several international conferences and workshops. He is a recipient of the 2007 IEEE Transactions on Control Systems Technology Outstanding Paper Award and the 2009 IEEE Control Systems Technology Award, together with a group of researchers from IBM Zurich Research Labs, where he held several visiting appointments. He is a Fellow of IEEE, a Fellow of IFAC and a Fellow of the Institute of Physics (UK).
**2011 IFAC Fellows (continued)**

**Jie Chen**

Jie Chen teaches at the University of California, Riverside (USA) in the field of systems and control, and signal processing. He was born in Yichun, Jiangxi Province, People's Republic of China on January 14, 1963. He received the B.S. degree in aerospace engineering from Northwestern Polytechnic University, Xian, China in 1982, the M.S.E. degree in electrical engineering, the M.A. degree in mathematics, and the Ph.D. degree in electrical engineering, all from the University of Michigan, Ann Arbor, Michigan, in 1985, 1987, and 1990, respectively.

From 1990 to 1993, he was with the School of Aerospace Engineering and the School of Electrical and Computer Engineering at the Georgia Institute of Technology, Atlanta, Georgia. He joined the University of California, Riverside, as an Assistant Professor in 1994, where he became an Associate Professor in the Department of Electrical Engineering in 1997, a Professor in 1999, and served as Professor and Department Chair from 2001 to 2006. He has held guest positions and visiting appointments with Northwesr Polytechnic University, Xian, Zhejiang University, Hangzhou, Dalian University of Technology, Dalian, Harbin Institute of Technology-Shenzhen Graduate School, Shenzhen, Hong Kong University of Science and Technology, Hong Kong, China; Tokyo Institute of Technology, Tokyo, Japan; and the University of Toronto Institute of Technology, Tokyo, Japan; the University of Newcastle, Callaghan, the University of Western Sydney, Penrith, Australia.

His main research interests are in the areas of networked control, linear multivariable systems theory, system identification, robust control, optimization, and signal processing. He is the author of two books, respectively, (with G. Gu) Control-Oriented System Identification: An H-infinity Approach (Wiley-Interscience, 2000), and (with K. Gu and V.L. Kharitonov) Stability of Time-Delay Systems (Birkhauser, 2003). Dr. Chen is a recipient of the 1996 US National Science Foundation CAREER Award, of 2004 SICE International Award, and of 2006 Natural Science Foundation of China Outstanding Overseas Young Scholar Award. He was a past Associate Editor for Automatica, IEEE Transactions on Automatic Control, Journal of Control Theory and Applications, and a past Guest Editor for the IEEE Transactions on Automatic Control.

He currently serves as the founding Editor-in-Chief for the Journal of Control Science and Engineering, and a Guest Editor for the IEEE Control Systems Magazine. In addition, he served on program committees for numerous international conferences in the systems and control area, including the IFAC Symposium on System Identification and Parameter Estimation, the IEEE Conference on Decision and Control, the IEEE Conference on Control Applications, and American Control Conference. He has been a member of the IFAC Technical Committee on Modeling, Identification and Signal Processing since 1994, and a member of the IFAC Technical Committee on Linear Control Systems since 2002.

**Edgar H. Bristol**

Edgar H. (Ed) Bristol is a graduate of MIT and Beloit College in Electrical Engineering and Mathematics, with some forty years at the Foxboro Co./Invensys. “I’m now retiring! Retirement!” says Bristol.

He is a well known process control author with some 100 papers and dozens patents in control, adaptive control, multivariable control, and control software and languages. He has participated in a number of Process Control Standards efforts dating back to the beginning of the Purdue Workshop. He is the originator of RGA analysis and pattern recognition-based adaptive control, for which he received the initial IEEE Control Technology Award and similar AIChE and ISA awards. He is also the 2003 recipient of the ACC Control Technology Award, listed as one of the 50 most influential industry innovators. He is currently a fellow of the ISA, and a current or past member of the IEEE, AIChE, ACM, and MAA, and listed nationally and locally in a number of groups within these organizations.

Outside of professional life Bristol enjoys hiking/bike touring and growing orchids and rhododendrons.

**50 Years of Chinese NMO in IFAC**

Beijing, China

27 - 29 November, 2011

CAA (Chinese Association of Automation) recently celebrated its 50th anniversary as an IFAC NMO in conjunction with the biannual Chinese Automation Congress 2011 (CAC 2011), which was recently held in Beijing, China from 27-29 November.

CAC 2011 consisted of ten keynote speeches, seven symposia, and more than 70 oral presentations and attracted around 1000 participants. 800 papers were received and 400 were accepted for presentation.

Invited speakers from IFAC included Professor Karl Johann Astrom of Lund University, Sweden, and Professor Tamer Basar from the University of Illinois, USA.

Impressum:
Medieninhaber und Herausgeber: International Federation of Automatic Control (IFAC), Zurich, Schlossplatz 12, A-2361 Luxemburg, Austria
Verlagsort und Redaktion: Univ.Prof. Dr. tech. K. Schlacher, Schlossplatz 12, A-2361 Luxemburg
Hersteller: Artur Schoetzik & Sohn August-Reuss-Gasse, A-1130 Wien
Editor: Kurt Schlacher
Layout: Elske Haberl
published bimonthly

Offenlegung:

Das Sekretariat der IFAC befindet sich seit 1978 aufgrund eines Übereinkommens mit der Österreichischen Bundesregierung mit der Österreichischen Akademie der Wissenschaften in Luxemburg.

Der `IFAC Newsletter` erscheint sechsmal jährlich in englischer Sprache unter der Redaktion des Generalsekretärs der IFAC, Univ.Professor Kurt Schlacher. Die Zeitschrift dient der Information über die Aktivitäten der IFAC. Sie wird kostenlos an Abonnenten in 50 Ländern verfasst. Die Kosten werden von der IFAC aus Beiträgen der derzeit 52 Mitgliedsländer getragen.

Präsident der IFAC für 2011-2014 ist Prof. Ian Craig (Südafrika), Vizepräsidenten sind Prof. Ives Marcells (Australien) und Prof. Roger Goodall (Großbritannien). Alle Funktionen werden ehrenamtlich ausgeübt.

(To our readers: To comply with the Austrian `Media Act`, every publication must contain a declaration once a year concerning ownership and purpose, as above.)
In Memory of Yoshikazu Sawaragi
19 December, 1916 – 22 October, 2011

It is my sad duty to inform the IFAC community that former IFAC President Professor Yoshikazu Sawaragi passed away at the age of 94 in Kyoto, Japan on Saturday, 22 October, 2011. As a scientist and an organizer in the field of control engineering and system sciences, he made a great contribution in nonlinear forced vibrations, statistical analysis of nonlinear control systems, modern control theory and its applications, and system sciences with applications to environmental pollution control. He has been a distinguished leader of the Japanese control community after World War II, who also made tremendous contributions to IFAC as President and IFAC advisor since 1984, and received the outstanding service award in 1990 and became an IFAC Fellow in 2005.

Yoshikazu Sawaragi was born on 19 December, 1916 in Kyoto, Japan. He graduated from the Department of Mechanical Engineering, Kyoto Imperial University in 1939, and joined the Faculty of Engineering, Nagoya Imperial University in 1941, and moved to the Faculty of Engineering, Kyoto University in 1947, and was promoted to full professor of the Faculty of Engineering, Kyoto University in 1956. Recognizing the importance of automatic control as a key technology in Japan, he organized a research committee of automatic control in the Faculty of Engineering, Kyoto University in 1952. He also played a major role to launch a new Department of Applied Mathematics and Physics, Faculty of Engineering, Kyoto University in 1959 to educate students in new areas of applied mathematics, control theory, computer, operations research, and applied physics. At the same time, he established the Research Institute of Automatic Control, Faculty of Engineering to promote applied researches in automatic control, including process control and servomechanisms. He has supervised a large number of doctoral students in Faculty of Engineering, Kyoto University.

He played an important role in establishing the Association of Automatic Control Engineers, Japan (presently, Institute of Systems, Control and Information Engineers) in Kyoto 1957, and he was President of this Association from 1971 to 1976. From 1987 to 1989, he also served as President of the Society of Instrument of Control Engineers established in Tokyo 1961. In 1969 he became Member of the Science Council of Japan, and was Chair of IFAC NMO Japan until 1981. Professor Sawaragi attended the first international Automatic Control Conference, held in Heidelberg, September 1956, to present a paper entitled: Spectral response of control systems containing zero-memory nonlinearity to random inputs. Then, he attended the first IFAC Moscow Congress. Ever since, he consecutively attended World Congresses until the 14th IFAC World Congress, Beijing in 1999. He became IFAC President in 1978, and successfully organized the 8th IFAC World Congress in Kyoto 1981.

His research interests have moved from control engineering to system sciences, including complex systems and environmental systems. He was the principal investigator of Research Projects for Environmental Pollution Control from 1972 to 1974, and for Detection and Control of Environmental Pollution from 1974 to 1976, supported by the Ministry of Education, Japan. He was also interested in the multicriteria optimization theory and its applications in engineering and environmental problems, and he started collaboration with IISA in the mid 1970s.

After retirement from Kyoto University, he established the Japan Institute of Systems Research (JISR) in 1980, and organized and supervised various applied research projects between academia and industry. Especially, he started a joint program between JISR and IISA in 1987 on the development of interactive modeling and decision support systems. This shows that he willingly moved to difficult and challenging areas of research, indicating his high intelligence, vision and creativity. He told us that his basic idea for complex nonlinear systems was inspired by a booklet by Theodore von Kármán, “The engineer grapples with nonlinear problems”, which he read when he started studies on nonlinear vibration in the 1940s. In 2004, he established his Engineering Institute to disseminate his “Shinayaka” Systems Approach and apply it to various engineering problems.

For his outstanding contributions to Systems and Control Engineering, he received the Medal with Purple Ribbon in 1980, and the Second Class Order of Sacred Treasure in 1988, and Kyoto Prefectural Culture Achievement Award in 1994.

All of us who knew him will remember and miss him as a distinguished scientist, teacher, and the kindest and thoughtful man. We believe that he is playing his favorite golf in heaven.

TobruKatayama
Emeritus Professor Kyoto University
Member of IFAC Executive Board

This Newsletter may be reproduced in whole or in part. We encourage reprinting in national and local automatic control periodicals. Acknowledgement to IFAC would be appreciated.

IFAC Fellows 2011
(continued)

This concludes the series of introductions of the 2011 IFAC Fellows

Panagiotis Christofides

Panagiotis D. Christofides received the diploma in chemical engineering degree in 1992 from the University of Patras (Greece), the M.S. degrees in electrical engineering and mathematics in 1995 and 1996, respectively, and the Ph. D. degree in chemical engineering in 1996, all from the University of Minnesota (USA).

Since 1996 Professor Christofides has been with the University of California – Los Angeles (UCLA), where he is currently a professor in the Department of Chemical and Biomedical Engineering, as well as the Department of Electrical Engineering. His theoretical research interests include nonlinear and predictive control, and analysis and control of distributed parameter systems, multiscale systems and hybrid systems, with applications to chemical processes, advanced materials processing, particulate processes, and water systems. His research work has resulted in a large number of articles in leading scientific journals and conference proceedings and five books.

Prof. Christofides has received several awards for his teaching and research work, including the Teaching Award from the AICE Student Chapter of UCLA in 1997, a Research Initiation Grant from the ACS-Petroleum Research Fund in 1998, a CAREER award from the National Science Foundation in 1998, The Ted Peterson Student Paper Award and the Outstanding Young Researcher Award from the Computing and Systems Technology Division of AICE in 1999 and 2008, respectively, and a Young Investigator Award from the Office of Naval Research in 2001. He has won the Donald P. Eckman Award in 2004 and also twice received the O. Hugo Schuck Best Paper Award in 2000 and 2004, all from the American Automatic Control Council. He is an IEEE Fellow.
<table>
<thead>
<tr>
<th>Title</th>
<th>2012</th>
<th>Place</th>
<th>Further Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>IFAC Workshop: Embedded Guidance, Navigation and Control in Aerospace</td>
<td>February 13 – 15, Bangalore, India</td>
<td><a href="http://www.ifac-egnc.org/">http://www.ifac-egnc.org/</a> e-mail: <a href="mailto:EGNC2012@acro.iisc.ernet.in">EGNC2012@acro.iisc.ernet.in</a></td>
<td></td>
</tr>
<tr>
<td>IFAC Conference: Advances in PID Control</td>
<td>March 28 – 30, Brescia, Italy</td>
<td><a href="http://pid12.ing.unibs.it">http://pid12.ing.unibs.it</a> e-mail: <a href="mailto:pid12@ing.unibs.it">pid12@ing.unibs.it</a></td>
<td></td>
</tr>
<tr>
<td>IFAC Conference: Embedded Systems, Computational Intelligence and Telematics in Control - CESCIT</td>
<td>April 03 – 05, Wuerzburg, Germany</td>
<td><a href="http://www7.informatik.uni-wuerzburg.de/cescit">http://www7.informatik.uni-wuerzburg.de/cescit</a> e-mail: not yet available</td>
<td></td>
</tr>
<tr>
<td>IFAC Symposium: Information Control Problems in Manufacturing – INCOM 2012</td>
<td>May 23 – 25, Bucharest, Romania</td>
<td><a href="http://www.incom12.ro">http://www.incom12.ro</a> e-mail: <a href="mailto:incom12@eimr.pub.ro">incom12@eimr.pub.ro</a></td>
<td></td>
</tr>
<tr>
<td>IFAC Workshop: Autonomous Control in Offshore Oil and Gas Production</td>
<td>May 31 – June 1, Trondheim, Norway</td>
<td><a href="http://www.ifac-oilfield.no/">http://www.ifac-oilfield.no/</a></td>
<td></td>
</tr>
<tr>
<td>IFAC Workshop: Dynamics and Control in Agriculture and Food Processing – DYCAF</td>
<td>June 13 – 16, Plovdiv, Bulgaria</td>
<td><a href="http://dycafe2012.tr-2.pl-plovdiv.bg">http://dycafe2012.tr-2.pl-plovdiv.bg</a> e-mail: <a href="mailto:altun@univ-plovdiv.bg">altun@univ-plovdiv.bg</a></td>
<td></td>
</tr>
<tr>
<td>IFAC Conference: Analysis and Control of Chaotic Systems – CHAOS 2012</td>
<td>June 20 – 22, Cancun, Mexico</td>
<td><a href="http://www.ipicyt.edu.mx/chaos12/chaos12.html">http://www.ipicyt.edu.mx/chaos12/chaos12.html</a> e-mail: not yet available</td>
<td></td>
</tr>
<tr>
<td>INSTICC/IFAC 9th Int. Conference Informatics in Control, Automation and Robotics – ICINCO 2012</td>
<td>July 28 – 31, Rome, Italy</td>
<td><a href="http://icinco.org">http://icinco.org</a> e-mail: <a href="mailto:icinco.secretariat@insticc.org">icinco.secretariat@insticc.org</a></td>
<td></td>
</tr>
<tr>
<td>IFAC Conference: Nonlinear Model Predictive Control</td>
<td>August 23 – 27, Noordwijkheuvel, NL</td>
<td>[<a href="http://not">http://not</a> yet available](<a href="http://not">http://not</a> yet available) e-mail: not yet available</td>
<td></td>
</tr>
<tr>
<td>17th Intl. Conference (co-sponsored by IFAC) Methods and Models in Automation and Robotics – MMAR 2012</td>
<td>August 27 – 30, Medzyzdroje, Poland</td>
<td>[<a href="http://not">http://not</a> yet available](<a href="http://not">http://not</a> yet available) e-mail: not yet available</td>
<td></td>
</tr>
</tbody>
</table>
# FORTHCOMING EVENTS (ctd.)

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Location</th>
<th>URL/Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>IFAC Workshop: Modelling and Control in Biomedical Systems – BMS 2012</td>
<td>August 29 – 31</td>
<td>Budapest, Hungary</td>
<td><a href="http://bms.iiit.bme.hu/">http://bms.iiit.bme.hu/</a></td>
</tr>
<tr>
<td>IFAC Symposium: Power Plants and Power Systems Control</td>
<td>September 02 – 05</td>
<td>Toulouse, France</td>
<td><a href="http://www.ppws2012.org">http://www.ppws2012.org</a></td>
</tr>
<tr>
<td>IFAC Symposium: Robot Control – SYROCO 2012</td>
<td>September 05 – 09</td>
<td>Dubrovnik, Croatia</td>
<td><a href="http://www.syroco2012.org">http://www.syroco2012.org</a></td>
</tr>
<tr>
<td>KSJE/IPAC Symposium: Advanced Vehicle Control – AVEC 12</td>
<td>September 09 – 12</td>
<td>Seoul, Korea</td>
<td><a href="http://avec12.kasj.org">http://avec12.kasj.org</a></td>
</tr>
<tr>
<td>IFAC Workshop: Automation in Mining, Mineral and Metal Industries</td>
<td>September 10 – 12</td>
<td>Gifu, Japan</td>
<td><a href="http://www.ifacmm2012.org">http://www.ifacmm2012.org</a></td>
</tr>
<tr>
<td>IFAC Workshop: Control Applications of Optimization – CAO’12</td>
<td>September 13 – 16</td>
<td>Rimini, Italy</td>
<td><a href="http://cao2012.imm.uran.ru">http://cao2012.imm.uran.ru</a></td>
</tr>
<tr>
<td>IFAC Workshop: Generalized Statements and Solutions of Control Problems – GSSCP</td>
<td>September 24 – 30</td>
<td>Gelendzhik, Russia</td>
<td>[<a href="http://not">http://not</a> yet available](<a href="http://not">http://not</a> yet available)</td>
</tr>
<tr>
<td>IFAC Workshop: Discrete Event Systems – WODES</td>
<td>October 01 – 03</td>
<td>Guadalajara, Mexico</td>
<td><a href="http://www.gdl.cinvestav.mx/wodes-12">http://www.gdl.cinvestav.mx/wodes-12</a></td>
</tr>
<tr>
<td>IFAC Workshop: Discrete Event System Design – DeSD</td>
<td>October 01 – 04</td>
<td>Campos dos Jordão, Brazil</td>
<td><a href="http://www.desdes.uz.zgora.pl">http://www.desdes.uz.zgora.pl</a></td>
</tr>
<tr>
<td>IFAC Workshop: Multi Vehicle Systems – MVS</td>
<td>October 03 – 05</td>
<td>Espoo, Finland</td>
<td><a href="http://mvs2012.altto.fi/">http://mvs2012.altto.fi/</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>2013</th>
<th>Place</th>
<th>Further Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>IFAC Symposium: System Structure and Control</td>
<td>February 04 – 06</td>
<td>Grenoble, France</td>
<td>[<a href="http://not">http://not</a> yet available](<a href="http://not">http://not</a> yet available)</td>
</tr>
<tr>
<td>IFAC Symposium: Mechatronic Systems</td>
<td>April 10 – 12</td>
<td>Hangzhou, China</td>
<td>[<a href="http://not">http://not</a> yet available](<a href="http://not">http://not</a> yet available)</td>
</tr>
<tr>
<td>IFAC/IP/IFROS/IFEA Symposium: Analysis, Design, and Evaluation of Human-Machine Systems – HMS 2013</td>
<td>August 11 – 15</td>
<td>Las Vegas, USA</td>
<td>[<a href="http://not">http://not</a> yet available](<a href="http://not">http://not</a> yet available)</td>
</tr>
<tr>
<td>IFAC Symposium: Advances in Control Education – ACE 201</td>
<td>August 28 – 30</td>
<td>Sheffield, UK</td>
<td><a href="http://ace2013.group.shef.ac.uk/">http://ace2013.group.shef.ac.uk/</a></td>
</tr>
<tr>
<td>IFAC Symposium: Automatic Control in Aerospace – ACA 2013</td>
<td>September 02 – 06</td>
<td>Wuerzburg, Germany</td>
<td><a href="http://www.informatik.uni-wuerzburg.de/aca2013">http://www.informatik.uni-wuerzburg.de/aca2013</a></td>
</tr>
<tr>
<td>IFAC Symposium: Nonlinear Control Systems – NOLCOS</td>
<td>September 04 – 06</td>
<td>Toulouse, France</td>
<td>[<a href="http://not">http://not</a> yet available](<a href="http://not">http://not</a> yet available)</td>
</tr>
<tr>
<td>IFAC Conference: Management and Control of Production and Logistics – MCPL 2013</td>
<td>September 12 – 14</td>
<td>Fortaleza, Brazil</td>
<td>[<a href="http://not">http://not</a> yet available](<a href="http://not">http://not</a> yet available)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>2014</th>
<th>Place</th>
<th>Further Information</th>
</tr>
</thead>
</table>