Following a very successful and incredibly well-attended meeting of the editorial board of Automatica, and after 11 very successful years at the helm, Professor Tamer Basar (US) handed over the reins of IFAC’s Automatica journal to his longstanding deputy Professor Roberto Tempo, (IT) at a reception for the Editors and select guests on Monday 15 December, during CDC 2014 in Los Angeles, California, USA.

Tamer Basar is now serving IFAC as chair of the Publications Committee, one of IFAC’s Executive Committees.

The reception provided an opportunity for IFAC and Elsevier to recognize the work of Professor Basar in establishing Automatica as the leading journal in the field of Control Engineering, to thank the Automatica Editors for their outstanding services to the publication, and to welcome Professor Tempo to his new role. As well as addresses from the outgoing and incoming Editors in Chief, IFAC President Janan Zaytoon and IFAC Publisher Adam Wheeler honored Prof Basar on behalf of IFAC and of Elsevier for his services to Automatica as Associate Editor, Editor and Editor in Chief. Becky Lonberger, who has managed the Editorial Office for over 25 years, was also honored for her outstanding services to the journal during this time.

During the evening, former IFAC President Steve Kahne entertained the guests with a brief history of Automatica from its inception, which included some brief insights into IFAC’s dealings with Bob Maxwell, the notorious but enigmatic business tycoon and former owner of Pergamon Press.

Professor Tempo’s tenure has begun on 1 January 2015. We wish Roberto all the very best.

Written by Adam Wheeler, IFAC Publisher, Elsevier Ltd., United Kingdom. Photos submitted by Janan Zaytoon, IFAC President.
Introducing the 2011 – 2014 IFAC Fellows
Continuation in a series

A. Stephen Morse

A. Stephen Morse was born in Mt. Vernon, New York, USA. He received a BSEE degree from Cornell University, a MS degree from the University of Arizona, and a Ph.D. degree from Purdue University. From 1967 to 1970 he was associated with the Office of Control Theory and Application (OCTA) at the NASA Electronics Research Center in Cambridge, Mass.

Since 1970 Morse has been with Yale University where he is presently the Dudley Professor of Engineering. His main interest is in system theory and he has done research in network synthesis, optimal control, multivariable control, adaptive control, urban transportation, vision-based control, hybrid and nonlinear systems, sensor networks, and coordination and control of large grouping of mobile autonomous agents.

In addition to being an IFAC Fellow, Morse is a Life Fellow of the IEEE, a past Distinguished Lecturer of the IEEE Control System Society, and a co-recipient of the Society’s 1993 and 2005 George S. Axelby Outstanding Paper Awards.

Morse has twice received the American Automatic Control Council’s Best Paper Award and is a co-recipient of the Automatica Theory/Methodology Prize. In addition to being an IFAC Fellow he is the recipient of the IEEE’s 1999 Technical Field Award for Control Systems and the American Automatic Control Council’s 2013 Richard E. Bellman Control Heritage Award.

Morse is a member of the National Academy of Engineering (USA) and the Connecticut Academy of Science and Engineering (USA).

Yutaka Yamamoto

Yutaka Yamamoto received his B. S. and M. S. degrees in engineering from Kyoto University, Kyoto, Japan in 1972 and 1974, respectively, and the M. S. and Ph. D. degrees in mathematics from the University of Florida, in 1976 and 1979, respectively. From 1978 to 1987 he was with the Department of Applied Mathematics and Physics, Kyoto University. In 1987 he joined the Department of Applied Systems Science as an associate professor and became a professor in 1997. He is currently a professor at the department of Applied Analysis and Complex Dynamical Systems, Graduate School of Informatics of Kyoto University.

Yamamoto was an associate editor of the IEEE Transactions on Automatic Control, Automatica, Systems and Control Letters, and is currently an associate editor of Mathematics of Control, Signals and Systems. He has served as a Senior Editor for the IEEE Transactions on Automatic Control for 2010-2011.

He also served as an organizing committee member of 35th CDC in 1996, MTNS ’91 in Kobe, and as a member of program committees of several CDC’s. He was the chair of the Steering Committee of MTNS, served as General Chair of MTNS 2006. He was a past President of ISCIIE of Japan.

Tongwen Chen

Tongwen Chen received the BEng degree in Automation and Instrumentation from Tsinghua University (Beijing) in 1984, and the MASc and PhD degrees in Electrical Engineering from the University of Toronto in 1988 and 1991, respectively. From 1991 to 1997, he was with the Department of Electrical and Computer Engineering at the University of Calgary, Canada. Since 1997, he has been with the University of Alberta, Edmonton, Canada, and is presently a Professor of Electrical and Computer Engineering.

Chen has contributed to a number of research areas including sampled-data control, multirate systems and process control, and networked control systems. He co-authored with B.A. Francis the book Optimal Sampled-Data Control Systems (Springer, 1995). Moreover, some of his research results have been applied and implemented in the Canadian industry. In addition to being an IFAC Fellow, Dr. Chen is an IEEE Fellow and a Fellow of the Canadian Academy of Engineering. He received a Killam Professorship for 2006-2007 from the University of Alberta. He has served as an Associate Editor for several international journals, including Automatica, IEEE Transactions on Automatic Control, and Systems and Control Letters.
Pramod Khargonekar

Pramod Khargonekar received his B. Tech. Degree in electrical engineering from the Indian Institute of Technology, Bombay, India, in 1977, and M.S. degree in mathematics and Ph.D. degree in electrical engineering from the University of Florida (Gainesville, FL, USA) in 1980 and 1981, respectively. Khargonekar has served as Associate Editor for IEEE Transactions on Automatic Control, SIAM Journal of Control, Systems and Control Letters, and International Journal of Robust and Nonlinear Control. He has been a member of the IEEE Control Systems Theory and Robust Control technical committees.

Obituary: Manfred Thoma 1929–2014

It is with great sadness to inform the IFAC community that former IFAC president Professor Manfred Thoma passed away on November 10, 2014 at the age of 85 years. His passing has left a big gap not only in his family and among his many friends, but in the whole "IFAC family", a phrase that Manfred Thoma lived out through his professional and personal friendships with colleagues worldwide.

Khargonekar's research and teaching interests are centered on theory and applications of systems and control. He has authored more than 130 refereed journal papers and 150 conference papers. He has supervised 32 doctoral students.

In addition to being an IFAC Fellow, Khargonekar was a recipient of the NSF Presidential Young Investigator Award, the American Automatic Control Council's Donald Eckman Award, the Japan Society for Promotion of Science fellowships, the IEEE W. R. G. Baker Prize Award, the IEEE CSS George Axelby Best Paper Award, the Hugo Schuck ACC Best Paper Award, and the Distinguished Alumnus and Distinguished Service Awards from the Indian Institute of Technology, Bombay. He is a Fellow of IEEE. At the University of Michigan, he received the Arthur F. Thurnau Professorship and the College of Engineering Research Excellence Award. The impact of his scholarly work has led to his recognition as a Web of Science Highly Cited Researcher.

IFAC President 1984–1987

From 1984 to 1987, Prof. Thoma was the 11th IFAC President and under his leadership, the 10th IFAC World Congress took place in Munich, Germany, in 1987. During his whole career and beyond Manfred Thoma was actively involved in IFAC. He was an IFAC Advisor and an IFAC Fellow, as well as a founding member of the Michel Cuquet Fund, a predecessor of the current IFAC Foundation, of which he was an invited expert from its founding through when he retired from the foundation work in 2011.

Manfred Thoma was appointed Professor for Automatic Control in 1967 at the Leibniz-Universität in Hannover, Germany, where he was chair of the Institute of Automatic Control until his retirement in 1997. Thoma’s research predominantly dealt with state space methods, optimization and nonlinear control. With his comprehensive scientific expertise and his innovative ideas, he initiated a multitude of research and development projects and caused sustainable innovations. Thoma’s research was often directly related to industrial problems and thus he was in close contact with industry throughout his career. This also manifested itself by having been elected as president of the INTERKAMA in Hannover for many years, one of the world’s leading fairs for the process industry.

Manfred Thoma supported the automatic control community through academic service in many roles. Next to his many IFAC responsibilities, he has also been actively involved in the German IFAC National Member Organization VDI/VDE, and he held many offices, including dean, at his home university. He was also known for the organization of international conferences, including the workshop series “Control Theory” at the Mathematisches Forschungsinstitut Oberwolfach, Germany. Furthermore, he held many leading editorial positions, such as for the Springer “Lecture Notes in Control and Information Sciences,” for which he was the founding editor.

Prof. Thoma received numerous honors including many honorary doctorates from universities throughout the world and the appointment as member of the Scientific Academies in Russia, the Ukraine and Hungary. In his desire to bring the international control community in the East and in the West closer together, Manfred Thoma was constantly travelling throughout the world. During his many trips, Prof. Thoma was always accompanied by a pair of binoculars. The ornithologist found distraction in parks worldwide and was even able to tell something new to biologists and rangers.

Amongst his colleagues and within the automatic control community, Manfred Thoma was appreciated extraordinarily. We cordially thank Manfred Thoma for his many contributions to IFAC and to the whole control community. We will hold his memory in highest esteem.

Submitted by Frank Allgöwer, IFAC President Elect 2014–2017

The Tables of Contents of the IFAC Journals can be found respectively at

- Automatica http://www.elsevier.com/locate/automatica
- Control Engineering Practice http://www.elsevier.com/locate/conengprac
- Engineering Applications of Artificial Intelligence http://www.elsevier.com/locate/engappai
- Journal of Process Control http://www.elsevier.com/locate/jprocont
- Annual Reviews in Control http://www.elsevier.com/locate/arcontrol
- Journal on Mechatronics http://www.elsevier.com/locate/mechatronics
- Nonlinear Analysis: Hybrid Systems http://www.elsevier.com/locate/nahs
| 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 |
| IEEE/IFAC Workshop on Recent Advances in Sliding Modes RASM 2015     | April 09–11   | Istanbul, Turkey | http://www.rasm.boun.edu.tr e-mail: not yet available |
| 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://cesciti2015.umn.si/ e-mail: cesciti2015@umn.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.aa2c2.org/conferences/acc2015 e-mail: braatz@mil.edu |
| 5th IFAC Workshop on Lagrangian and Hamiltonian Methods for Nonlinear Control LHMNC 2015 | July 04–07 | Lyon, France     | http://www.lhmnc15.org/ e-mail: not yet available |
| 10th IEEE, IEEE CSS, IFAC Workshop on Robot Motion and Control RoMoCo 2015 | July 06–08 | Poznan, Poland   | http://romoco.put.poznan.pl/ e-mail: piotr.mieszala@put.poznan.pl |
| 8th IFAC Symposium on Robust Control Design ROCOND 2015             | July 08–11    | Bratislava, Slovakia | http://www.rocond15.sk e-mail: info@rocond15.sk |
# Calendar of IFAC Events

| Title                                                                 | 2015       | Place          | Further Information                                                                 |
|----------------------------------------------------------------------|------------|----------------|--------------------------------------------------------------------------------------|
| European Control Conference (ECC) in cooperation with IFAC           | July 15 – 17 | Linz, Austria  | http://www.ecc15.at/ e-mail: secretariat@ecc15.at                                   |
| 12th INSTICC Conference on Informatics in Control, Automation and Robotics ICINCO 2015 | July 21 – 23 | Colmar, Alsace France | http://www.icinco.org/ e-mail: icinco.secretariat@insticc.org |
| CACHE 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  | https://e-cosm2015.engineering.osu.edu/ e-mail: not yet available                |
| 10th IFAC Conference on Maneuvering and Control of Marine Craft MCMC 2015 | August 24 – 26 | Copenhagen, Denmark | http://www.conferencemanager.dk/mcmc2015/ e-mail: secretariat@mcmc2015.dk          |
| 4th IFAC Workshop on Mining, Mineral and Metal Processing MMM 2015 | August 25 – 27 | Oulu, Finland   | http://ifacmmm2015.automaatioseura.fi/ e-mail: office@automaatioseura.fi           |
| 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                  |
| 11th IFAC Symposium on Robot Control SYRROCO 2015                    | August 26 – 28 | Salvador, BA Brazil | http://www.syroco2015.org/ e-mail: syroco2015@ece.ufrgs.br                    |
| 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          |
| SAFER, IFAC, IEEE, ITSC Symposium on Future Active Safety Technology Towards zero traffic accidents FAST-zero 2015 | September 09 – 11 | Gothenburg, Sweden | http://fastzero15.net/ e-mail: info@fastzero15.net                                  |
| 5th IFAC Workshop on Distributed Estimation and Control in Networked Systems NecSys 2015 | September 10 – 11 | Philadelphia, USA | http://necsys2015.seas.upenn.edu/index.html e-mail: not yet available            |
| 5th IFAC Conference on Nonlinear Model Predictive Control NMPC 2015 | September 17 – 20 | Seville, Spain | http://disa.us.es/nmpc15/ e-mail: dlm@us.es                                          |
| IEEE IFAC Multi-Conference on Systems and Control MSC 2015           | September 21 – 23 | Sydney, Australia | http://www.msc2015.org/ e-mail: info@msc2015.org                                   |
| 16th IFAC Conference on Technology, Culture and International Stability TECIS 2015 | September 24 – 27 | Sozopol, Bulgaria | http://www.tecis.tu-plierdv.bg/ e-mail: tecis@tu-plierdv.bg                      |
| 16th IFAC Workshop on Control Applications of Optimization CAO 2015 | October 06 – 09 | Garmisch-Parten. 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: ss2c2013@gipsa-lab.grenoble-inp.fr    |
| 5th IFAC Conference on Analysis and Design of Hybrid Systems ADHS 2015 | October 14 – 16 | Atlanta, Georgia, USA | http://adhs15.gatech.edu/ e-mail: magnus@gatech.edu                              |
### Calendar of IFAC Events

| Title                                                                 | 2015       | Place                     | Further Information                  |
|----------------------------------------------------------------------|------------|---------------------------|-------------------------------------|
| 17th IFAC/IEEE/CSS Symposium on System IdentificationSYSID 2015     | October    | Beijing, China            | http://sysid2015.info/index.html e-mail: secretariat@sysid2015.info |
| 3rd IFAC Workshop on Internet Based Control Education IBCE 2015      | November   | Brescia, Italy            | http://not yet available e-mail: not yet available |
| Eng. Australia and others Conference on Australian Control Conference - AUCC 2015 in cooperation with IFAC | November   | Gold Coast, Australia     | http://www.aucc.org.au/AUCC2015/ e-mail: not yet available |
| 9th IFAC Symposium on Control of Power and Energy Systems CPES 2015 | December   | 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   | Bremen, Germany           | http://www.ido-conference.org/ e-mail: not yet available |
| 11th IFAC Symposium on Dynamics and Control of Process Systems, including Biosystems DYCOPS 2016 | June       | Trondheim, Norway         | http://dycops2016.org/ e-mail: dycoops2016@itk.ntnu.no |
| 2nd IFAC/IEEE CSS Workshop on Control of Systems Governed by Partial Differential Equations CPDE 2016 | June       | Bertinoro, Italy          | http://www.cpde2016.org/ e-mail: cpde2016@gmail.com |
| 8th IFAC Symposium on Advances in Automotive Control AAC 2016        | June       | 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       | Troyes, France            | http://mim2016.utt.fr/ e-mail: mim2016@utt.fr |
| 20th IFAC Symposium on Automatic Control in Aerospace ACA 2016       | August     | Sherbrooke, Quebec, Canada | http://aca2016.ngcaerospace.com/ e-mail: aca2016@ngcaerospace.com |
| 10th IFAC Symposium on Non-Linear Control Systems NOLCOS 2016       | August     | 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. | Vienna, Austria           | http://www.ifacmmm2016.org/ e-mail: not yet available |
| Title                                                                 | 2017       | Place                     | Further Information                  |
| 20th IFAC World Congress                                            | July       | Toulouse, France          | http://www.ifac2017.org/ e-mail: contact@ifac2017.org |

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