



Newsletter Changes

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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>

The IFAC Newsletter is undergoing some changes in the way it is distributed to IFAC affiliates. In the past and through this issue the Newsletter has been sent via the postal mail free of charge to all active IFAC affiliates.

The IFAC Council, after receiving recommendations from the Executive Board and the Administrative and Finance Committee, voted at their meeting on 19 July 2013 in Zurich, Switzerland to make changes in the way the Newsletter is distributed.

Starting with the December 2013 issue of this Newsletter, the Newsletter will no longer be sent out by default via postal mail but will instead be made available electronically. It will be sent out as an attachment via email, as well as be available in the Newsletter archive on the IFAC website. As a reminder, the most current IFAC Newsletter, as well as an archive dating back to the early 2000s, can be found on the IFAC website.

http://www.ifac-control.org/newsletter_archives

An email was sent to all current active IFAC affiliates on 14 August 2013, asking them to pick between three options for receiving the IFAC Newsletter.

Option 1- Receiving the Newsletter only electronically (via email) as of December 2013. It will be sent as an attachment and a link will be sent in the email.

Option 2- Receiving the Newsletter via postal mail through the transition period (December 2013 to August 2014), upon which you will only receive the Newsletter electronically.

Option 3- Remaining an IFAC affiliate but not on the Newsletter mailing list (neither electronic nor postal mail).

If no preference is provided you will receive Option 1 (receiving the Newsletter only electronically/via email starting with the December 2013 issue of the Newsletter).

Please keep the IFAC Secretariat up-to-date with any changes to your email address and /or other contact information. This can be done at any time by contacting the IFAC Secretariat via email at secretariat@ifac-control.org.

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Bundesministerium
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Innovation und Technologie

Editorial and Publishing Policy for the IFAC Journals

Introducing the 2011-2014 IFAC Fellows First in a series

There are two particular issues relating to academic journal publications which are of topical interest: open access and manipulation of impact factors. This article provides an overview of the current policies for the IFAC journals published by Elsevier.

Open access

Researchers are seeking prompt dissemination of their research by using open access opportunities, and in fact some funding bodies are requiring this as a condition of the receiving the grant. This newsletter article is to let people know the current situation regarding the IFAC journals – for more background information about the subject see http://en.wikipedia.org/wiki/Open_access. The article is intended to be quick and easy-to-read, but please be aware that the whole issue of open access is complicated, so please consult Elsevier's website for full information.

Gold Open Access

The Gold open access model is where authors or their institutions pay a fee to enable free access for readers as soon as the paper is published.

One route is through full Open Access journals where a fee ranging from US\$500-\$5000 is payable at the time the article is accepted. At present none of Elsevier's full Open Access journals is directly relevant to control, although some may be appropriate for specialist areas.

Secondly, the IFAC Journals published by Elsevier are basically subscription journals, but they have an open access option (sometimes known as "hybrid open access" journals). It is possible to publish individual Open Access Articles in all these journals by payment of a fee, currently between US\$2400-\$3100, depending upon the journal. These articles then become openly available via the Elsevier website at the time of publication.

Delayed Open Access

This is also called Green Open Access by some funding bodies and institutions. It is an open access model which makes the final published article available after a pre-determined embargo period. This is usually from one to five years, depending upon the funding body or institution. If your institution has an open access policy or mandate that requires you to publish in this way, Elsevier requires an agreement to be in place which respects the journal-specific embargo periods.

A full list of the embargo periods and those funding bodies and institutions with which Elsevier currently has agreements is available on the website at http://cdn.elsevier.com/assets/pdf_file/0018/121293/external-embargo-list_2013.pdf. It is worth clarifying that these embargo periods only apply to the specific agreements with Elsevier, i.e. they do not apply for all articles.

Other Green Open Access options

Notwithstanding the Gold and Delayed/Green Open Access described above, there is a range of possibilities that apply in all circumstances:

Preprints: Immediate posting and dissemination of preprints is allowed anywhere at any time. The preprint is the author's own write-up of research results and analysis prior to peer review, and has not had any other value added to it by a publisher such as formatting, copy editing, technical enhancement, etc. It may be placed on a public server (such as arXiv or the author's institutional repository) before submission to an IFAC journal and is not then generally considered to be "prior publication", i.e. it can remain on the public server if the article is accepted for publication.

Accepted Author Manuscripts (AAMs): Immediate posting and dissemination of AAM's is allowed to personal websites, to institutional repositories, or to arXiv. This will often include changes made by the author as a consequence of the review process, but will not of course include the other value-added additions by the publisher mentioned above.

Published Journal Article (PJA): An author's published journal article may be used for personal use and internal institutional use, but not for scholarly posting. In particular it is not permitted on any open website unless a gold open access fee has been paid. The published article will be the definitive final record of published research to appear in the journal with all the value-added publisher contributions, including pagination.

Manipulation of impact factors

The impact factor (IF) of an academic journal is a measure reflecting the average number of citations to recent articles published in the journal, and is frequently used as an indicator of the relative importance of a journal within its field. However, some journals adopt an editorial policy to increase their impact factors by encouraging authors to cite papers published in the Journal. IFAC and Elsevier consider this type of policy to be unethical.

The editorial policies of all the IFAC journals are aimed at maintaining and increasing the quality of the published articles, which in turn will enhance the reputation of the journals. The editors of the IFAC journals may encourage authors to cite relevant papers that improve the quality of the paper, but will never do this, whatever the source, solely to improve the impact factor of the Journal.

Submitted by Roger Goodall, IFAC-Vice-President (Executive Board Chair) in cooperation with the Publications Committee (Denis Dochain, Chair) and PUMB (Peter Fleming, Chair)

As readers of the August 2013 issue of the IFAC Newsletter know, the IFAC Council selected 32 IFAC Fellows for the 2011-2014 triennium at their meeting in Zurich, Switzerland on 19 July 2013. The complete list of names of the new fellows was published on page two of the August 2013 Newsletter. This list, as well as the names of all IFAC fellows, is available on the IFAC website under:

<http://www.ifac-control.org/awards/ifac-fellows>

Over the course of several issues Newsletter readers will be introduced to the new IFAC Fellows. The new fellows are being presented in no particular order or ranking. The biographic material and photos were submitted by the new IFAC Fellows themselves.

Dominique Bonvin

Dominique Bonvin is Professor of Automatic Control at the Ecole Polytechnique Fédérale in Lausanne (EPFL), Switzerland. He received his Diploma in Chemical Engineering from ETH, Zurich (Switzerland) and his Ph.D. degree from the University of California, Santa Barbara (USA.) He worked in the field of process control for the Sandoz Corporation in Basel (Switzerland) and with the Systems Engineering Group of ETH Zurich. He joined the EPFL in 1989.



Dominique Bonvin

Dominique Bonvin has worked over 30 years in the field of process modeling, control and optimization. His main contributions include (i) the development of data-driven real-time optimization schemes, whereby the optimization problem is reformulated as a control problem, with various applications to both static and dynamic optimization; (ii) the development of a closed-loop data-driven controller scheme labeled "correlation-based tuning"; and (iii) the use of system-theoretical thinking for the analysis of chemical reaction systems, leading to minimal state representation and the novel concept of vessel extents of reaction and mass transfer.

Continued on page 4



FORTHCOMING EVENTS

2013
No. 5
Oct.

Title	2013	Place	Further Information
3rd IFAC Symposium on Telematics Application TA 2013	November 11 – 13	Seoul Republic of Korea	http://ta2013.yonsei.ac.kr/ e-mail: not yet available
2nd IFAC Workshop on Research, Education and Development of Unmanned Aerial Systems RED-UAS 2013	November 20 – 22	Compiègne France	https://www.hds.utc.fr/reduas2013/doku.php e-mail: rlozano@hds.utc.fr
ESF, SIAM IFAC Workshop Mathematical Control in Trieste MCT 2013	December 03 – 06	Trieste Italy	http://mct.lsis.org e-mail: mct@lsis.org
12th IFAC Symposium on Computer Applications in Biotechnology CAB 2013	December 16 – 18	Mumbai India	http://www.cab2013.org/ e-mail: cab2013@che.iitb.ac.in
10th IFAC Symposium on Dynamics and Control of Process Systems DYCOPS 2013	December 18 – 20	Mumbai India	http://www.dycops2013.org/ e-mail: dycops2013@che.iitb.ac.in
Title	2014	Place	Further Information
12th IFAC/IEEE Workshop on Discrete Event Systems WODES 2014	May 14 – 16	Paris France	http://wodes2014.lurpa.ens-cachan.fr/ e-mail: jean-marc.faure@lurpa.ens-cachan.fr
19th IFAC World Congress	August 25 – 29	Cape Town South Africa	http://www.ifac2014.org/ email: info@ifac2014.org
Title	2015	Place	Further Information
15th IFAC IEEE/IFIP/IFORS Symposium on Information Control Problems in Manufacturing INCOM 2015	May 11 – 13	Ottawa Canada	http://incom2015.org/ e-mail: not yet available
2nd IFAC Workshop on Automatic Control in Offshore Oil and Gas Production OOGP 2015	May 27 – 29	Florianopolis Brazil	http://not yet available e-mail: not yet available
9th IFAC Symposium on Advanced Control of Chemical Processes ADCHEM 2015	June 07 – 10	Whistler Canada	http://www.adchem2015.ca/ e-mail: not yet available
8th IFAC Symposium on Robust Control Design ROCOND 2015	July 08 – 11	Bratislava Slovakia	http://not yet available e-mail: not yet available
9th IFAC Symposium on Fault Detection, Supervision and Safety of Technical Processes SAFEPROCESS 2015	September 02 – 04	Paris France	http://not yet available e-mail: not yet available
17th IFAC Symposium on System Identification SYSID 2015	October 19 – 21	Beijing China	http://not yet available e-mail: not yet available

Continued from page 2

Bonvin has served extensively in his institution, as Director of the Automatic Control Laboratory, Head of the Mechanical Engineering Department, and Dean of Bachelor and Master Studies between 2004 and 2011. He has been quite involved in IFAC activities, in particular as Vice-Chair of the IFAC Technical Committee on Chemical Process Control, member of the IFAC Working Group on Process Control and IPC Chair for the IFAC Symposium ADCHEM in Kyoto, Japan. He has also been quite involved in the publishing/review process, in particular as Associate Editor of Journal of Process Control, Member of the Editorial Advisory Board of Industrial & Engineering Chemistry Research, and Associate Editor of Control Engineering Practice for 10 years.

Bonvin has been awarded the Best Poster Award at the 1996 IFAC World Congress in San Francisco, the Best Paper of the Year Award from Computers and Chemical Engineering in 1989 and 2003. He was also a Stevin Lecturer at KU Leuven (Belgium.)

Kemin Zhou

Kemin Zhou received his B.S. degree from Beijing University of Aeronautics and Astronautics in 1982, as well as M.S.E.E. and Ph.D. degrees from University of Minnesota in 1986 and 1988, respectively. Since 1990, he has been with Louisiana State University where he is currently Roy Paul Daniels Distinguished Professor and Mark and Carolyn C. Guidry Professor in Electrical and Computer Engineering. He was the chairman of the department at Louisiana State University from 2002-2006.



Kemin Zhou

Kemin Zhou is the leading author of two books in the field: *Robust and Optimal Control* (Prentice Hall, 1995), which has been translated into Japanese (1997) and Chinese (2002), and *Essentials of Robust Control* (Prentice Hall, 1997). He is also an author of the book *Introduction to Feedback Control* by Pearson Prentice Hall in 2009. He is/was an Associate Editor of several journals including *Automatica*, *IEEE Transactions on Automatic Control*, *SIAM Journal on Control and*

Optimization, and *Systems and Control Letters*. In addition to being an IFAC Fellow, Zhou is an IEEE Fellow (2003) and an AAAS Fellow (2011.)

Richard H. Middleton

Richard H. Middleton was born on 10 December 1961 in Newcastle, Australia. He received his B.Sc. (1983), B.Eng. (Hons-I) (1984) and Ph.D. (1987) from the University of Newcastle (Australia.) He has had visiting appointments at the University of Illinois at Urbana-Champaign (USA), the University of Michigan (USA) and the Hamilton Institute (National University of Ireland, Maynooth.) In 1991 he was awarded the Australian Telecommunications and Electronics Research Board Outstanding Young Investigator award. In 1994 he was awarded the Royal Society of New South Wales Edgeworth-David Medal; he was elected to the grade of Fellow of the IEEE starting 1999, and received the M.A. Sargent Award from the Electrical College of Engineers Australia in 2004.

Middleton has served as an associate editor, associate editor at large and senior editor of the *IEEE Transactions on Automatic Control*, the *IEEE Transactions on Control System Technology*, and *Automatica*, as Head of Department of Electrical and Computer Engineering at the University of Newcastle; as a panel member and sub panel chair for the Australian Research Council; as Vice President - Member Activities and also as Vice President - Conference Activities of the IEEE Control Systems Society; President (2011) of the IEEE Control Systems Society; as Director of the ARC Centre for Complex Dynamic Systems and Control; a Distinguished Lecturer for the IEEE Control Systems Society, and as a research professor at the Hamilton Institute, The National University of Ireland, Maynooth.

Middleton is currently director of the University of Newcastle Priority Research Centre for Complex Dynamic Systems and Control. His research interests include a broad range of Control Systems Theory and Applications, including feedback performance limitations, information limited control and systems biology.



Richard H. Middleton

Peter Terwiesch

Peter Terwiesch received his M.S. (Dipl.-Ing.) in electrical engineering from Karlsruhe Institute of Technology (Germany) in 1991. Specializing in automatic control, and following a diploma thesis on model predictive control at Ecole Nationale Supérieure de Physique in Strasbourg, he moved on to ETH Zurich for his Ph.D.. At ETH, where he worked as a teaching assistant in chemical engineering, he received his Ph.D. (Dr. sc. techn.) for his interdisciplinary work on nonlinear optimization of batch process with model uncertainties in 1994.

In 1994 Terwiesch joined ABB Corporate Research in Baden, Switzerland, as an industrial research scientist, working on real-time control and protection systems. Subsequent research appointments at ABB included roles as department head for iutomation and information technologies in Heidelberg, Germany, global responsibility for ABB's Automation research, and leadership of ABB's Swiss Corporate Research Center.

Terwiesch was appointed to the managing board of ABB Switzerland in 2001, assuming responsibility for ABB's Swiss Industries division. From 2003 to 2005, he was president of ABB Automation Ltd, Germany, and in parallel head of technology for ABB's global automation business. From 2005 to 2011, he worked as Chief Technology Officer for ABB Group. Terwiesch is ABB's Regional Manager for Central Europe and CEO of ABB AG, Germany, a role he has held since July 2011.

Over the years, Terwiesch contributed a number of research results in several automation-related fields, leading to a range of scientific publications and patents. From 2000-2007, he served as a board member (Beirat) of VDI/VDE GMA, IFAC's German member association. He was also a member of IEEE's control systems award committee (2008-2010) and of IEC's market strategy board (2008-2011). From 2005 to 2011 he served on the jury of Wall Street Journal's innovation award and from 2006 to 2012 worked as a member of BP plc's Technology Advisory Council. Since 2010 he has been an external member of the supervisory board of Metall Zug AG, a Swiss listed company, and since 2011 a member of the senate of Acatech, the German academy of science and engineering.



Peter Terwiesch

IFAC Fellow Bios continued on page 6

2013 IFAC Council and Related Meetings

Zurich, Switzerland

17 – 19 July 2013

The 2013 IFAC Council and Related Meetings were held in Zurich, Switzerland at the ETHZ (Swiss Federal Institute of Technology in Zurich) from 17-19 July in conjunction with the European Control Congress (ECC) 2013.

For those who are not familiar with the structure of IFAC the IFAC Council is responsible to the General Assembly for the management of the Federation. It receives its mandate from the GA and reports to it on the state of the Federation not less frequently than at each Triennial Congress. Subject only to the directions of the General Assembly, the Council will formulate the policies of the Federation, in relation to the world community of control engineers, the National Member Organizations, intergovernmental and other non-governmental international professional organizations. It shall develop the long-term plans of the Federation for approval by the General Assembly and shall instruct the various boards and committees of IFAC accordingly. The Council shall direct and supervise the functioning of the Federation, including both the technical and the executive activities.

In addition to the Council meeting on 19 July there were meetings for the executive committees, Executive Board, Technical board, IFAC Foundation, TCs 2.1 and 4.1, CC9, the Cape Town World Congress IPC, and two journals, Automatica and Control Engineering Practice. There was also a feedback session for the ongoing strategic planning. Frank Allgöwer (Germany), Frank Doyle (USA) and Shinji Hara (Japan), the chairs of the three strategic planning task forces, presented their committee's findings and suggestions.

At the Council meeting Germany, Japan, and the USA, the three NMOs vying for the 2020 IFAC Congress, presented their bids. The Council voted on the bids in closed session and chose Germany as the winner of the 2020 IFAC World Congress. 2020 IFAC World Congress will take place in Berlin, Germany and the IFAC president for the 2017-2020 triennium will be Frank Allgöwer. In addition Prof. Sandra Hirche of the Technical University in Munich, Germany will serve as the first female IPC chair of an IFAC World Congress.

Frank Allgöwer, the newly-elected president for the 2017-2020 triennium, was born in 1962 in Heilbronn, Germany and completed his studies at the University of Stuttgart (Germany), as well as at the University of California- Los Angeles (USA.) He joined the staff at the University of

Stuttgart in 1988, where he is now a full professor and director of the Institute for Systems Theory and Automatic Control since 1999. In the 1990s he was a research associate in the U.S. at the California Institute of Technology and the DuPont Company, as well as an assistant professor at the ETHZ. He has served as a visiting professor at the University of California-Santa Barbara (U.S), as well as at the University of Newcastle (Australia.) In addition Frank Allgöwer has been part of the Automatica editorial board since 1997, and served as an associate editor of the Journal of Process Control from 1997-2008.

Frank Allgöwer has held several positions in and received many honors from IFAC over the years. From 2002-2008 he was the TC chair for the Technical Committee on Nonlinear Systems. From 2005-2008 he served as a member of the Policy Committee. Frank Allgöwer is currently a member of the IFAC Council, a role which he has held since 2008. He was elected as an IFAC Fellow in 2007 and received the IFAC Outstanding Service Award in 2011. In addition he has been involved in other societies, both in his native Germany as well as internationally. Since 2000 he has been a member of the advisory board for the VDI/VDE (The Association of German Engineers), and since 2012 is the current vice-president of the DFG (German Research Foundation) as well as vice-president of Technical Activities for IEEE Control Systems Society.



Frank Allgöwer,
President-Elect of IFAC, 2017-2020



Members of the IFAC World Congress 2020 bid team from Germany

In addition to choosing the 2020 IFAC World Congress site there were other agenda items covered during the Council meeting. The winners of the IFAC Fellow award were voted on in closed session, as well as the Industrial Achievement Award, High Impact Paper Award, Nichols Medal and Quazza Medal. The names of the Fellows for the 2011-2014 triennium were published in the August 2013 issue of this Newsletter, as well as on the IFAC website.

Winners of the other awards are listed below and Newsletter readers will get the opportunity to learn more about them in upcoming issues of the Newsletter.

Quazza Medal Winner 2014
David Mayne

Nichols Medal Winner 2014
Reza Moheimani

Industrial Achievement Award 2014
Giovanni Cherubini, Jens Jelitto, Mark Lantz and Angeliki Pantazi (IBM Zurich)

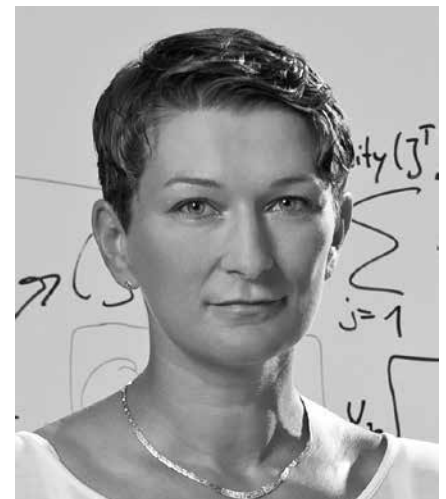
High Impact Paper Award Winner 2014
Alberto Bemporad and Manfred Morari (co-authors)

The winners of these four awards will be presented with their honors at the opening ceremony of the 2014 IFAC World Congress, which will take place in Cape Town, South Africa.

The meetings came to a conclusion with a dinner for the IFAC Council members along the Limmat River waterfront at the restaurant Pier 7 in Zurich.

The next Council and Related Meetings (outgoing and incoming) will be held in conjunction with the 19th IFAC World Congress in Cape Town, South Africa.

Article written by the IFAC Secretariat, with Frank Allgöwer biographical information and photo provided by Frank Allgöwer.



Sandra Hirche,
IPC Chair, 2020 IFAC World Congress

**5th IFAC
Conference on Biorobotics
Sakai, Japan
27 – 29 March 2013**

The 2013 IFAC Biorobotics Conference was held at the Hotel Agora Regency Sakai in Osaka, Japan from 27-29 March 2013. The IFAC Technical Committee (TC) in Control in Agriculture (TC 8.1) was primary responsible in organizing this conference. The Bio-Robotics Conference was the fifth event concerning on robotics in agricultural field followed by 4th IFAC International Workshop on Bio-Robotics, Information Technology, and Intelligent Control for Bioproduction Systems held in Champaign, Illinois, USA on September 10-11, 2009.

The scope of the 2013 IFAC Biorobotics Conference was automation, robotics, information technology, and intelligent controls used in field production, greenhouse production and plant factory systems. This conference called for papers from Agricultural Mechanization, Biological Engineering, Energy in Agricultural Production, Information and Electrical Technologies, Physical Properties of Food and Food Processing Engineering, Plant Factory, Greenhouse and Closed System Applications, and Precision Farming.

The 2013 IFAC Biorobotics Conference was attended by 118 registered participants from ten countries. 75 technical papers were contributed from Belgium, Finland, Germany, Indonesia, Japan, The Netherlands, Korea, Taiwan, and the United States. This conference invited nine guest speakers. Plenary speakers were Josse De Baerdemaeker (KU Leuven, Belgium), Royal Heins [HRT Services, USA], and Shujun Li (Chinese Academy of Agricultural Mechanization Sciences, China.) Guest speakers were Gerrit van Straten (Wageningen University, The Netherlands), Qin Zhang (Washington State University, USA), Erik Runkle (Michigan State University, USA), Wouter Saeys (KU Leuven, Belgium), Ta-Te Lin (National Taiwan University, Taiwan), and Hyeon T Kim (Gyeongsang National University, Korea.) A total of 84 papers were contained in the preprints.

The technical papers were grouped by the following categories: Advances in Agricultural Robotics, Algorithm, Automation Systems for Plant Factory and Greenhouse, Bioimaging, Biological Clock, Emerging Information Systems, Emerging Technologies in Bioproduction, Environment Control for Plant Factory and Greenhouse, Farm Operation Support, Image and Spectrum Analysis, and Navigation System.

A meeting of IFAC TC 8.1 was also held on 29 March 2013, in which a variety of topics were discussed and important decisions were taken about the TC's future activity.

Submitted by Hiroshi Shimizu, Kyoto University

**15th IFAC Workshop on
International Stability, Technology and Culture
(SWIIS 2013)
Prishtina, Kosovo
6 – 8 June 2013**

The University for Business and Technology (UBT) organized this IFAC Workshop in cooperation with the Department of Intelligent Handling and Robotics (IHRT) of Vienna University of Technology (Vienna, Austria) which took place from June 6 to 8 2013 at UBT in Prishtina (Kosovo).

The main sponsor was IFAC TC 9.5 (TECIS), with co-sponsors IFAC TC's 9.1, 9.2, and 9.4. The main goal of this event was to offer members of the scientific community, mainly from Kosovo, Albania and Macedonia, the possibility to present their scientific research results in an international recognized event.

The program consists of two survey papers and 49 contributed papers arranged in 10 technical and 2 invited sessions.

One of the survey papers "From Engineering to Mechatronics Management" was a report of the development and realization of a "Mechatronics Management" BSc and MSc program at UBT. This program is based on an Engineering Management program at Vienna University of Technology which has been in existence since 1995. First experiences of the currently running program were outlined and shortly discussed.

The other survey paper given by Peter Groumpos (Greece) "An Overview of the Triangle of Knowledge as a Driving Force for Sustainable Growth in Developing Nations" gave an overview about different philosophies of connections between education, research and innovation.



Participants at SWIIS 2013

As a historic tradition in SWIIS, the subjects of the papers covered the field from globalization impact on international stability via knowledge Society vs. International Stability and Complex Adaptive Systems to End of Life Management.

One of the invited sessions "Automatic Control Education & International Stability: Lessons from International, Cross-disciplinary, Intercultural Pedagogies" was organized by Amy Stapleton (Ireland.) The contributions gave an overview about multi-cultural education especially on postgraduate level and the vision of a new Europe-wide university. The other invited session "Re-engineering of Process Control and Maintenance Systems" organized by M. Hadjiski (Bulgaria) with 4 papers covered topics on Automation of Production, mostly chemical, plants.

The working group "End of Life Management" in TC 9.5 was responsible for a session with the same name. The subject of the papers were "Recycling of Mobile phones in Kosovo" – a classic topic - and relatively new, "Recover Rare and Precious Metals from WEEE" and "Research and Education with Scrap".

In addition to the program, technical visits were organized to a furniture factory, as well as a production plant for medications.

The 68 attendees from 14 countries enjoyed the social events including a welcome reception, a banquet in the historical town of Vushtri and a farewell at the new campus of UBT.

Reports of this workshop were on television, radio, as well as in several regional daily newspapers.

Submitted by Peter Kopacek (Austria), IPC Chair

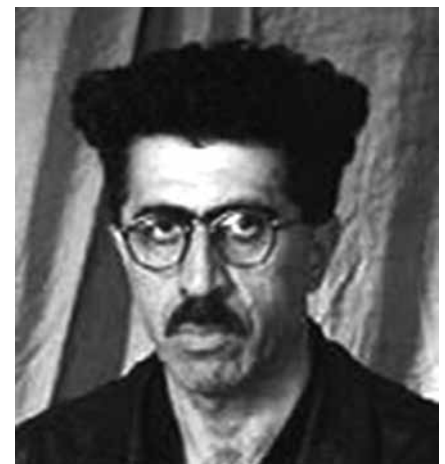
IFAC Fellows (Continued from Page 4)

Ali Saberi

Ali Saberi received his Ph.D. in Electrical Engineering from Michigan State University (East Lansing, MI, USA) in 1983. Since January 1984 he has been with Washington State University (Pullman, WA, USA), where he is currently a professor of Electrical Engineering and Computer Science.

In addition to being an IFAC Fellow, Saberi was elected to the rank of Fellow of IEEE in 1998. He has authored over 150 journal papers and over 190 conference papers and five books.

Saberi's editorial background includes work on the following journals: Automatica, IEEE Transaction on Automatic Control, Systems & Control Letters, and International Journal of Robust and Nonlinear Control.



Ali Saberi