Newsletter

Table of Contents

IFAC Publications Go Fully Electronic

Message from the President

Wook Hyun Kwon

In the course of its 50 years, IFAC has always endeavored to be at the forefront of technological developments. Thus, it has been possible to maintain excellent quality of technical meetings and of publications. Over the past few years it has become clear that the nature of publication is undergoing a tremendous change, by turning from paper-based to electronic.

This has been widely discussed within IFAC and with Elsevier, the IFAC publisher, and I am now very pleased to inform you that IFAC will go fully electronic and establish the electronic publications website IFAC-PapersOnLine.net. This means that papers of future IFAC Proceedings from technical events such as IFAC Congresses, Symposia, Conferences and Workshops will be put on this website starting this year already. The papers on this website will be searchable, citable, and individually downloadable without cost to their readers. This will provide IFAC event participants with a great opportunity go gain wide publicity for the papers they present at IFAC meetings. I strongly believe that this website will be one of the most important features IFAC in years to come.

Overleaf find a document, containing initial information for IFAC Meeting Organizers. As NMO, Technical Committee Chair or meeting organizer you may find this document very important and useful for the preparation of your technical events. More detailed information will be provided as soon as available.

We will nominate a Task Force Team to set up the website and an Editor in Chief to manage it. We know that time is short, but the issue is very important so that we want to have the site operative by mid-2007. We will have a lot of hard work to do to accomplish this and to include necessary Proceedings papers in the website.

In order to make this website possible, Stephen Kahne, Alberto Isidori, Christopher Greenwell, other IFAC Publication Managing Board members, as well as several other persons active in IFAC have taken great efforts which I appreciate very much as President of IFAC.

Wook Hyun Kwon

IFAC-PapersOnLine

Initial Information for IFAC Meeting Organisers

A Brief Overview

IFAC is pleased to announce that, in co-operation with Elsevier, the IFAC Publisher, all IFAC technical meeting papers (where IFAC is the principal sponsor) will, in the future, be published online on a dedicated website. The name for this site is IFAC-PapersOnLine.net. The purpose of this note is to give preliminary information to those who are in the process of planning an IFAC technical meeting during 2007 and 2008.

The Plan

Online publication is now regarded as the norm in the scientific community. As a service to attendees and the rest of the control community IFAC is taking steps to make all papers presented at all IFAC technical meetings more widely available. IFAC is developing the IFAC-PapersOnLine.net site as an on-line archive with free access by all users to all papers. Papers from IFAC Symposia, Congresses, Conferences, and Workshops (at the discretion of the Workshop organizers) will be available more quickly than previously and with no charge to users. Printed volumes will no longer be available from the IFAC Publisher, although organizers will be free to produce their papers in any form they wish and sell them if they choose to do so. Elsevier and IFAC have agreed to develop this open source archive during 2007.

The **IFAC-PapersOnLine.net** website will have the following main features:

- Open Access in nature – no charge for reading or downloading.

- All papers actually presented at the meeting will be published on the site in PDF format - searchable and citable using the existing IFAC Proceedings ISSN and Digital Object Identifiers (DOIs).

- While Elsevier will pay for the site creation, maintenance costs will be initially subsidized by the IFAC treasury. It is expected that the IFAC Council will approve full subsidy for a few years. In the future organisers may be required to pay a small one-time fee per uploaded paper.

- The site is non-profit – all money taken into the site will be used for on-going site maintenance.

- Backfiles of IFAC technical meeting papers that are now available in electronic form, can be added to the site.

- In addition to providing their papers to the IFAC-PapersOnLine.net, organizers may produce proceedings of their meeting in any form and even for later distribution if they wish.

- Users manuals will be produced for organizers and authors and preparation details will be very similar to those currently used by IFAC.

The site will be tailored to suit the needs of IFAC and additional features such as automated copyright transfer are being considered.

Both IFAC and Elsevier recognise the need for this online archive. Some of the benefits of this include:

- Papers will be searchable, citeable, and individually downloadable as is true for most current electronic publications.

- Organisers will be given a time-window to submit material to the site which means that organizers can determine when the papers will be released to ensure that conference attendance is not negatively affected. IFAC policy requires that all papers will appear on the site shortly after the meeting at the latest.

- Copyright of all papers will belong to IFAC and must be referenced if derivative journal papers are produced from the conference papers.

- Papers from IFAC meetings prior to 2007 may be added if desired and already in electronic form.

Further details on exact timelines and submission instructions will be released early in 2007. It is expected that the site will be live in mid-2007 and by the end of 2007 will include all 2007 meetings (including Workshops). In addition, 2006 meeting papers as well as papers from several previous IFAC Congresses can be included soon after launch.

13 January 2007

On behalf of the ***IFAC Publications Managing Board***

Stephen Kahne, Chair

Alberto Isidori, IFAC Member of PUMB, IFAC President-Elect

Christopher Greenwell, Elsevier Member of PUMB, Publisher IFAC Publications

Call for Nominations – Major Medals
Giorgio Quazza Medal, Nathaniel B. Nichols Medal
Industrial Achievement Award

According to the provisions as outlined for the Giorgio Quazza Medal, for the Nathaniel B. Nichols Medal and the Industrial Achievement Aweard (Statutes see below), the IFAC NMOs and the IFAC Technical Committee Chairs as well as other individuals are invited to nominate a candidate respectively and to send these nominations to the IFAC Secretariat until

March 15, 2007

The nominations should contain a curriculum vitae for the candidates, a summary of his/her major contributions and a proposed citation. Submission by e-mail is requested to: secr@ifac.co.at

It may be useful to have a look at the list of past winners in the IFAC Homepage, at http://www.ifac-control.org/about/awards.htm

Please note that it is possible to resubmit a nomination that was made in the past.

The Selection Committees, with Lennart Ljung (Quazza Medal), William F. Powers (Nichols Medal) and Heikki Koivo (Industrial Achievement Award) as Chairs will give a first report on potential candidates at the forthcoming Council meeting, to take place in Toulouse, France, on June 29, 2007.

The final recommendation will then be submitted to the Council six months prior to the Seoul Congress, i.e. in January 2008.

QUAZZA & NICHOLS MEDALS STATUTES

GIORGIO QUAZZA MEDAL:
(Created 1979)

This is an IFAC award to a distinguished control engineer as a memorial to the late Giorgio Quazza, a leading Italian electrical and control engineer who served IFAC in many capacities in a most distinguished manner. The medal is presented by the President at each IFAC Triennial Congress at the Opening Ceremony. A prize is presented to the recipient together with the medal. Financing is provided by IFAC.

NATHANIEL B. NICHOLS MEDAL:
(Created 1996)

This is an IFAC award that recognizes industrial leadership, outstanding contributions of an individual to design methods, software tools and instrumentation, or significant projects in major applications and advancement of control engineering. The medal is presented by the President at each IFAC Triennial Congress at the Opening Ceremony. A prize is presented to the recipient together with the medal. Financing is provided by IFAC.

Selection Committee

Both medals are awarded by the IFAC Council on the recommendation of a Selection Committee of five to seven distinguished engineers appointed by the Council no later than 18 months and normally more than 24 months prior to the IFAC Congress at which the medals are to be presented.

Nomination Procedure

Not less than 18 months before the start of the Congress at which the medals are presented, the IFAC Secretary invites nominations from the NMOs and TCs. Call for nominations should also be issued to individuals through IFAC periodicals, the IFAC Newsletter and the IFAC Home Page. Nominations should contain:

- Summary of the contributions
- a Curriculum Vitae
- List of publications
- Supporting letters
- Suggested citation

The Secretariat should make sure that the nomination material is complete and request additional material if necessary. IFAC Officers are not eligible. The Selection Committee and the Council may add further suitable candidates for consideration. The list of candidates is considered by the Selection Committee which recommends a candidate and a runner up to the Council no less than 12 months prior to the Congress in Question.

Selection Criteria for the Quazza Medal

The award is given in technical fields covered by IFAC. The contributions should be manifested in technical publications. A nominee should have served IFAC in some capacity, formally or informally. The selection is based on:

- Quality of publications
- Impact of publications
- Engineering significance
- Service to IFAC
- International recognition

Selection Criteria for the Nichols Medal

The award is given in technical fields covered by IFAC. The contributions should be manifested in technical publications, patents or reports documenting completed projects or developed products. The selection is based on:

- Quality of publications
- Impact of publications
- Innovation level of patents
- Impact of patents
- Engineering significance of products and projects
- International recognition

Selection Procedure

The nominations are distributed to the committee members by the IFAC secretariat. Each member makes an individual assessment of the candidates and sends his choice of the top five candidates to the chairman. A short list of two to five candidates is prepared possibly by dialog among the committee members. A selection of a winner is made after careful evaluation of candidates and by vote of the Council at least 12 months prior to the Congress in question.

Members of the Committee

Appointed by the President on behalf of the Council.

IAA

INDUSTRIAL ACHIEVEMENT AWARD STATUTES

This is an IFAC award to an individual, or a team of individuals, who has made a significant contribution to industrial applications of control. The award, together with a certificate, is presented to the recipient by the President at each IFAC Congress. Financing is provided by IFAC.

Selection Committee

The award is given by the IFAC Council on the recommendation of a Selection Committee. The chair of this Committee is nominated by the Council and the members are nominated by the Selection Committee Chair, all them being appointed by the President on behalf of the Council.

Nomination Procedure

Not less than 18 months before the start of the Congress at which the medals are presented, the IFAC Secretary invites nominations from the NMOs and TCs. Call for nominations should also be issued to individuals through IFAC periodicals, the IFAC Newsletter and the IFAC Home Page. Nominations should contain:

- Summary of the contributions
- a Curriculum Vitae
- Supporting letters
- Suggested citation

The Secretariat should make sure that the nomination material is complete and request additional material if necessary. IFAC Officers are not eligible. The Selection Committee and the Council may add further suitable candidates for consideration. The list of candidates is considered by the Selection Committee which recommends a candidate and a runner up to the Council no less than 12 months prior to the Congress in question.

Selection Criteria

The award is given in technical fields covered by IFAC. The selection is based on industrial achievements measured in terms of:

- Inventions in the control area
- Engineering significance of products and projects
- Industrial leadership
- Promotion of control technology in industry
- Impact of patents
- International recognition

The award may be given to a team of engineers for joint achievements. There is no requirement that the nominated candidates must have been involved in IFAC. The award can be given to a single achievement (an invention or a leadership of a major project) or a record of achievements over a period of time.

Selection Procedure

The nominations are distributed to the Selection Committee members by the IFAC Secretariat. Each member makes an individual assessment of the candidates and sends his choice of the top five candidates to the chairman. A short list of two to five candidates is prepared, possibly by dialog among the committee members. A selection of a winner is made after careful evaluation of candidates and by vote of the Council at least 12 months prior to the Congress in question.

Comments

The Selection Committee may find it useful to establish a list of strong candidates that is kept and transferred to the next triennium.

Title	2007	Place	Further Information
IFAC Symposium Cost Oriented Automation - COA 07	February 12 – 14	Habana Cuba	http://www.cujae.edu.cu/coa07 e-mail: coa07@electrica.cujae.edu.cu
Interop/Athena/IFAC Conference Interoperability for Enterprise Software and Applications – I-ESA 2007	March 28 – 30	Funchal Madeira Island Portugal	http://www.aidima.es/iesa2007/web/index.htm e-mail: info_i-esa@uninova.pt
INSTECC/IFAC Conference Intelligent Control Systems and Optimization	May 09 – 12	Angers France	http://icinco.org/ e-mail: secretariat@icinco.org
IFAC Workshop Technology Transfer in Developing Countries: Automation in Infrastructure Creation	May 17 – 18	Izmir Turkey	http://web.deu.edu.tr/decom07 e-mail: decom07@deu.edu.tr
IFAC Workshop Intelligent Manufacturing Systems – IMS 2007 in conjunction with	May 23 – 25	Alicante Spain	http://www.aurova.ua.es:8080ims2007/ e-mail: ims07@dfists.ua.es
IFAC Workshop Intelligent Assembly and Disassembly IAD 2007	May 23 – 25	Alicante Spain	http://www.aurova.ua.es:8080/iadims07/ e-mail: iad07@dfists.ua.es
IFAC Symposium Computer Applications in Biotechnology – CAB-10	June 04 – 06	Cancun Mexico	http://www.cab2007.org/ e-mail: secretariat@cab2007.org
IFAC Symposium Dynamics and Control of Process Systsems – DYCOPS-8	June 06 – 08	Cancun Mexio	http://www.dycops2007.org/ e-mail: secretariat@dycops2007.org
IEEE/IFAC Intl. Workshop Robot Motion and Control – RoMoCo'07	June 11 – 13	Bukowy Poland	http://romoco.put.poznan.pl/ e-mail: krzysztof.kozlowski@put.poznan.pl
IFAC Workshop Dependable Control of Discrete Systems – IFAC DCDS07	June 13 – 15	Paris France	http://www.japura.lurpa.ens-cachan.fr/dcds07/ e-mail: dcds07@lurpa.ens-cachan.fr
IFAC Symposium Automatic Control in Aerospace	June 25 – 29	Toulouse France	http://aca2007.onera.fr e-mail: aca2007@onecert.fr
2007 European Control Conference – in cooperation with IFAC -	July 02 – 05	Kos Greece	http://www.ecc07.ntua.gr/ e-mail: ecc07@mail.ntua.gr
2007 American Control Conference – in cooperation with IFAC -	July 11 – 13	New York NY, USA	http://www.a2c2.org/conferences/acc2007/ e-mail: judd@ohio.edu
IFAC Symposium 11th Large Scale Systems: Theory and Applications	July 23 – 25	Gdansk Poland	http://www.ely.pg.gda.pl/lss2007 e-mail: lss2007@ely.pg.gda.pl
IFAC Workshop Control of Distributed Parameter Systems	July 24 – 26	Namur Belgium	http: to be announced e-mail: to be announced
IFAC Symposium 5th Advances in Automotive Control	August 20 – 22	Seascape Resort Aptos, CA USA	http://aac2007.stanford.edu/ e-mail: roelle@stanford.edu
IFAC Symposium 12th Automation in Mining, Mineral and Metal Processing – MMM	August 21 – 24	Quebec City Canada	http://www.gch.ulaval.ca/ifacmmm07/ e-mail: ifacmmm07@gel.ulaval.ca
IFAC Symposium 7th Nonlinear Control Systems - NOLCOS	August 22 – 24	Pretoria South Africa	http:// www.nolcos2007.org.za e-mail: noc@nolcos2007.org.za
IFAC Workshop Adaptive and Learning in Control and Signal Processing – ALCOSP 07 in conjunction with	August 29 – 31	St. Petersburg Russia	http://conf.physcon.ru/alcosp07/ e-mail: alcosp07@physcon.ru
IFAC Workshop Periodic Control Systems – PSYCO 07	August 29 – 31	St. Petersburg Russia	http://conf.physcon.ru/psyco07/ e-mail: psyco07@physcon.ru
IFAC Symposium 6th Intelligent Autonomous Vehicles – I A V	September 03 – 05	Toulouse France	http://www2.laas.fr/iav2007 e-mail: iav2007@laas.fr
IFAC Conference Modeling and Designing Distributed Control Systems in Agriculture- – AGRICONTROL 2007	September 03 – 05	Osijek Croatia	http://www.agricontrol.org e-mail: secretary@agricontrol.org

FORTHCOMING EVENTS (ctd.)

Title	2007	Place	Further Information
IFAC Symposium Analysis, Design and Evaluation of Human-Machine Systems	September 04 – 06	Seoul Korea	http://www.ifac-hms-2007.com/ e-mail: wcyoon@kaist.ac.kr
IFAC Workshop Time Delay Systems	September 17 – 19	Nantes France	http://www.irccyn.ec-nantes.fr/TDS07/ e-mail: Jean-Fracois.Lafay@irccyn.ec-nantes.fr
EWICS/IFAC Conference Computer Safety, Reliability and Security – SAFECOMP 2007	September 18 – 21	Nuremberg Germany	http://www.safecomp.org/ e-mail: safecomp2007@informatik.uni-erlangen.de
IFAC Conference Control Applications in Marine Systems – CAMS 2007	September 19 – 21	Bol Croatia	http://www.cams07.fer.hr/ e-mail: zoran.vukic@fer.hr
IFAC Conference Management and Control of Production and Logistics – MCPL'2007	September 27 – 30	Sibiu Romania	http://mcpl2007.ulbsibiu.ro e-mail: mcpl2007@ulbsibiu.ro
IFAC Conference Cost Effective Automation in Networked Product Development and Manufacturing	October 02 – 05	Monterrey Mexico	http://cidyt.mty.itesm.mx/ifac-CEA07 e-mail: IFACcea07.mty@servicios.itesm.mx
IFAC Symposium Computational Economics & Financial Systems	October 09 – 11	Istanbul Turkey	http://www.ifac-cefis.org/ e-mail: contact@ifac-cefis.org
IFAC Symposium System Structure and Control – SSSC 2007	October 17 – 19	Foz-Do, Iguacu Brazil	http://sssc07.ece.ufrgs.br/ e-mail: sssc07@ece.ufrgs.br
IFAC Workshop Advanced Fuzzy and Neural Control	October 29 – 30	Valenciennes France	http://houebe.univ-valenciennes.fr/congres/afnc07/ e-mail: afnc07-sec@univ-valenciennes.fr
IFAC Workshop Fieldbus and Networks in Industrial and Embedded Systems – FeT 2007	November 07 – 09	Toulouse France	http://www.fet2007.org/ e-mail: to be announced
Title	**2008**	**Place**	**Further Information**
American Control Conference – in cooperation with IFAC	June 12 – 14	Seattle, WA USA	http:// to be announced e-mail: to be announced
17th IFAC WORLD CONGRESS	July 06 – 11	Seoul Korea	http://www.ifac2008.org e-mail: Secretariat@ifac2008.org
IFAC Workshop 9th Intelligent Manufacturing Systems – IMS 2008	October 09 – 10	Szczecin Poland	http://ims08.ps.pl e-mail: ims08@ps.pl
Title	**2009**	**Place**	**Further Information**
IFAC Symposium Fault Detection, Supervision and Safety for Technical Processes – SAFEPROCESS	June 30 – July 3	Barcelona Spain	http://www.esaiiterrassa.upc.es/safeprocess2009 e-mail: to be announced
IFAC Symposium Identification and System Parameter Estimation – SYSID'09	July 06 – 08	St. Malo France	http:// to be announced e-mail: to be announced
IFAC Symposium Advanced Control of Chemical Processes ADCHEM	July 12 – 15	Istanbul Turkey	http:// to be announced e-mail: to be announced
Title	**2010**	**Place**	**Further Information**
IFAC Symposium Nonlinear Control Systems – NOLCOS 2010	June 30 – July 2	Bologna Italy	http:// to be announced e-mail: to be announced

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/wps/find/journaldescription.cws_home/933/description#description