
Minutes of the IFAC Computational Intelligence in Control TC meeting

This meeting was held on the 22nd September, 2009, in conjunction with the 2nd IFAC International Conference on Intelligent Control and Signal Processing, held in Istanbul, 21-23 September, 2009

Present: Antonio Ruano (TC chair)

TM Guerra (TC vice-chair)

George Irwin

Jus Kocijan

Sigero Omatu

Robert Harrisson

Kauko Leiviska

Abdelkader El Kamel

Miguel Reza (visitor)

Apologies received from:

Okyay Kaynak

Radu-Emil PRECUP

Robert Babuska

Luc Boullart

Olivier Haas

João Miguel Sousa

Sam Ge

Tadeusz Puchalka

Sean McLoone

Laurent Folloy

Osman Tokhi

Meeting agenda:

1 – Informations

2 – Future events

3 – Any other business

Outcome of discussions:

1) Informations

Since the last minute, the following Vice-Chairs have been appointed:

Thierry Marie Guerra, Shuzhi Sam GE, Theoretical aspects of fuzzy, neuro-fuzzy and neural relevant to control

C. W. Chan, Applications of knowledge-based, fuzzy, neuro-fuzzy and neural systems, and evolutionary algorithms to control, including interface to other IFAC TCs

The following conferences have been sponsored by TC 3.2:

[2nd IFAC International Conference on Intelligent Control and Signal Processing \(ICONS 2009\)](#), September, 21-23, 2009, Istanbul, Turkey

[IFAC Conference on Control Methodologies and Technology for Energy Efficiency \(CMTEE 2010\)](#), to be held in Vilamoura, Portugal, March 29-31, 2010

The following conferences have been co-sponsored by TC 3.2:

[INSTICC IFAC Conference on Informatics in Control, Automation and Robotics](#), Mialno, Italy, 2-5 July, 2009

4th IFAC Workshop On Discrete-Event System Design ([DESDes 2009](#)), to be held in 6-8 October, 2009

Real-Time Programming (jointly with 4th Real-Time Software Workshop), Mragowo, Poland, October 12 – 14, 2009

[11th IFAC Symposium Analysis, Design, and Evaluation of Human-Machine Systems](#), to be held in 31 October, 2009 to 3 November 2009, in Valenciennes, France

IFAC Symposium on Telematics Applications, to be held in October, 5-8, 2010, Timisora, Romania

Under approval:

Bio-Inspired Cognitive Systems, Madrid, Spain, July 14-16, 2010

2) Future events

As TC 3.2 sponsors or co-sponsors a significant number of IFAC events this triennium, in this item we discussed events for the next triennium, 2012-2013 (2011 will be the year of the Milano World Congress and no further events can take place).

The TC is interested in sponsoring events with a larger audience and with high-quality papers. One way of achieving that, as proposed by the CC 3 Chair and by the 3.1, 3.2, 3.3 TC Chairs is to organize, in 2012, a Multi-conference (under the lines of IFAC NTCC, held in Hong-Kong some years ago), jointly sponsored by the 3 TCs under CC 3. Robert Harrison manifested the interest of the Dept. of Automatic Control and Systems Engineering, University of Sheffield, UK, to organize such an event. This was unanimously agreed.

Actions:

- A. Ruano to contact CC Chair and 3.1 and 3.3 Chairs informing about Rob's interest
- Rob to address Sheffield University about this possibility and try to link it with the Olympic Games

Regarding the next edition of IFAC AFNC, which Sam Ge had previously manifested the interest of organizing it in an Asian country, the TC discussed the problems arising of not having IFAC conference papers indexed in well-known databases, such as SCOPUS and ISI. In fact, since some years ago, papers of IFAC events are not indexed in the existing databases. Asian authors, which constitute now a large proportion of control researchers, typically choose conferences whose papers are indexed. Additionally, in terms of events organizations (and events organized in Asian countries typically have got the potential of attracting larger audiences, as the local community is larger), Asian researchers typically do not want to organize events whose papers are not indexed.

Although this has been happening mainly in Asian countries for the last years, it is the TC feeling that the pressure of having the papers referenced and cited (notice that if paper A is referenced by paper B, the authors of paper A will only be cited, according to a data base, if BOTH papers A and B are indexed in that data base) will also be an increasing requirement for western researchers.

TC Chair was asked to raise this problem to the IFAC Publication Chair, Professor Tomizuka, with a view of a rapid solution to this problem. If this will be the case, the TC agreed in sponsoring the next AFNC in 2013 in an Asian Country, provided Sam Ge is willing to organize it.

Action:

- A Ruano to address Professor Tomizuka about this issue

3) Any Other Business

The Chair would like to thank Prof. Kaynak and his team for successfully organizing ICONS 2009.