

# IACSS - Newsletter

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### PREAMBLE

7<sup>th</sup> International Symposium *Computer Science in Sport* in Canberra, Australia, September 22-25, 2009.

8<sup>th</sup> International Symposium *Computer Science in Sport* in Shanghai, China, 2011.

### INTERESTED PERSONS/COLLEAGUES

At present 489 colleagues from 51 countries are interested in IACSS – they either are subscribed to receive this Newsletter or to the E-Group.

### Imprint

Hristo Novatchkov & Arnold Baca

Dept. of Computer Science in Sport, ISW

University of Vienna

Auf der Schmelz 6

A-1150 Wien AUSTRIA

Phone: +43-1-4277 48882

e-mail: [arnold.baca@univie.ac.at](mailto:arnold.baca@univie.ac.at)

## 7<sup>th</sup> International Symposium – IACSS 2009; September 22-25, 2009, Canberra, Australia

IACSS and the Biomechanics and Performance Analysis Department of the Australian Institute of Sport organized the 7th International Symposium on *Computer Science in Sport* from 22-25 September, 2009 in Canberra, Australia.

IACSS thanks the main organizers, Prof. Keith Lyons, Alexis Lebedew and Dale Barnes, as well as all other involved parties for a stimulating scientific and an impressive social program.

Delegates from 15 nations participated in this successful and perfectly organized event. In sum, 45 oral presentations were given and 6 invited keynote lectures were presented.

Prof. Arnold Baca (University of Vienna) welcomed the participants during the opening of the symposium with a keynote speech on his expectations for the development of computer science in sport in the next 4 years.

Prof. Martin Lames (University of Augsburg) and Dr. Bruce Mason (Australian Institute of Sport) were the keynote presenters on the second day of the conference. Prof. Martin Lames talked on the complexity of performance analysis in elite sport and his visions for possible solutions. Dr. Bruce Mason presented a video-based analysis system for swimming including a live pool demonstration.

Further keynote lectures were given by Prof. Jürgen Perl (University of Mainz), sharing his principles on modelling of dynamic systems, and Dr. Mihai Lazarescu (Curtin University), providing an overview on AI techniques for game analysis. Prof. Keith Lyons (University of Canberra) closed the symposium with a delightfully presented recapitulation of the event.

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Some of the presentations given can be found at  
<http://www.slideshare.net/event/iacss09/slideshows>

Selected presentations will be considered for publication within the IJCSS, the E-Journal of IACSS.

For more information:  
<http://www.ausport.gov.au/about/events/iacss2009>

During the General Assembly of IACSS a new Board of Directors was elected for the period 2009-2011:

President:  
*Arnold Baca* (University of Vienna, Austria)  
General Secretary:  
*Peter Dabnichki* (University of London, UK)  
Treasurer:  
*Hristo Novatchkov* (University of Vienna, Austria)

Further members of the Board of Directors:

*Hayri Ertan* (Anadolu University, Turkey),  
*Larry Katz* (University of Calgary, Canada),  
*Martin Lames* (University of Augsburg, Germany),  
*Alexis Lebedew* (Australian Institute of Sport, Australia),  
*Keith Lyons* (University of Canberra, Australia),  
*Chikara Miyaji* (Japanese Institute of Sport, Japan),  
*Leo Pavicic* (University of Zagreb, Croatia),  
*Didier Seyfried* (INSEP, Paris, France),  
*Josef Wiemeyer* (Techn. University Darmstadt, Germany),  
*Lijuan Yu* (Shanghai University of Sport, China).

## 8<sup>th</sup> International Symposium Computer Science in Sport

During the 7<sup>th</sup> International Symposium in Canberra it was also announced that the International Association of *Computer Science in Sport* and Prof. Prof. Hui Zhang will organize the 8<sup>th</sup> International Symposium on *Computer Science in Sport* at the Shanghai University of Sport in China in 2011.

More details will be announced as soon as available.

## IJCSS – E-Journal

**Volume 8, Edition 1 is online since June, 2009.**

This issue contains the following papers and reports:

*Beetz M., von Hoyningen-Huene N., Kirchlechner B., Gedikli S., Siles F., Durus M. & Lames M.:*

ASPOGAMO: Automated Sports Games Analysis Models

*Grunz A., Memmert D. & Perl J.:* Analysis and Simulation of Actions in Games by Means of Special Self-Organizing Maps

*O'Donoghue P. & Robinson G.:* Validity of the Prozone3® Player Tracking System: A Preliminary Report

*Leser R., Uhlig, J. & Uhlig, M.:* Multimedia-based Tactical Learning in Soccer

This issue can be found at  
<http://iacss.org/index.php?id=48>

## Upcoming Conferences and Events

Asian Conference on Physical Education & Computer Science in Sports, December, 11-13, 2009, Hyderabad, India

The International Association of Computer Science in Sports has allotted the Asian Conference on Physical Education and Computer Science in Sports to the Indian Federation of Computer Science & Sports to promote Physical Education and Computer Science in Asia.

Deadline for submission of abstracts is October 20, 2009.

Homepage: <http://www.asianconferencepecs.com>

10th Australasian Conference on Mathematics and Computers in Sport, July, 5-7, 2010, Darwin

The next Australasian Conference on Mathematics and Computers in Sport will be held in July, 2010 in the Northern Territory (NT), Australia with Ian Heazlewood ([ian.heazlewood@cdu.edu.au](mailto:ian.heazlewood@cdu.edu.au)) from the Charles Darwin University as director.

Further details will be announced as soon as available.

15th Annual Congress of the European College of Sport Science, July, 23-26, 2010, Antalya, Turkey

The 15th Annual Congress of the European College of Sport Science (ECSS'10) will take place in Antalya, Turkey in July, 2010 and will be hosted by the Middle East Technical University, Faculty of Education, Department of Physical Education and Sport.

IACSS has been invited to organize an Exchange Symposium titled "Computer Science and Sport Performance".

For more information:

<http://www.ecss-congress.eu/2010/>

Asian Conference on Computer Science in Sports, September/October 2010, Tokyo, Japan

Prof. Miyaji Chikara will be organizing the Asian Conference on Computer Science in Sports in Tokyo, Japan. The conference dates are scheduled for the end of September or the beginning of October 2010.

## IACSS – Membership

The membership is open to individuals, groups, and national and international organizations interested in computer science in sport. Membership in the Association consists of the following classes: member, fellow, student member, special member and affiliate member. Membership generally requires the submission of an application accompanied by the appropriate fee as prescribed at the time of the application.

### Fees:

Regular Membership: 40 Euro per year.

Student Membership: 20 Euro per year.

Special Membership: 20 Euro per year.

Organization: In agreement with the Board (of Directors).

This includes the annual subscription to the E-Journal 'International Journal of Computer Science in Sport' (IJCSS).

The membership year is the calendar year. The Membership Application Form can be found on [www.iacss.org](http://www.iacss.org) under IACSS-Registration.

## IJCSS – E-Journal – Prices

### Prices:

- Standard: 40 Euro
- Students: 20 Euro
- Institutional subscriptions: 120 Euro

More information:

[http://www.iacss.org/ijcss/iacss\\_ijcss.html](http://www.iacss.org/ijcss/iacss_ijcss.html)