

# IACSS - Newsletter

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## INSIDE IACSS

### PREAMBLE

6<sup>th</sup> International Symposium *Computer Science in Sport* in Calgary, Canada, June 3-6, 2007.

7<sup>th</sup> International Symposium *Computer Science in Sport* in Canberra, Australia, September 23-26, 2009.

### INTERESTED PERSONS/COLLEAGUES

At present 465 colleagues from 51 countries are interested in IACSS – they either are subscribed to receive this Newsletter or to the E-Group.

### Imprint

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## IJCSS - E-Journal (Vol.6/Ed.1)

Volume 6, Edition 1 is online since July, 2006. This issue contains the following contributions:

*E. Pogalin/A.H.C. Thean/J. Baan/N.W. Schipper/A.W.M. Smeulders*: Video-based Training Registration for Swimmers

*F. Leboeuf/G. Bessonnet/P. Lacouture*: A Computerized Dynamic Synthesis Method for Generating Human Aerial Movements

*L. Valandro/L. Colombo/H. Cao/F. Recknagel/S. Dun/E.L. Secco*: The Relationship between Ball Speed and Anthropometrical Characteristics among Professional Baseball Pitchers: a Hybrid Evolutionary Algorithm Approach

*F. Büniger/S. Busch/I. Gasser/S. Günzel/A. Hebbel-Seeger/M. Mohr*: „sail:lab” - A novel Package for Sailing Simulation, Scientific Visualization and E-Learning

*E. Bebetos/O. Kouli/P. Antoniou*: Attitudes and Behaviors of University PE Students Towards the Use of Computers

This issue can be found at

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

## INSIDE THIS ISSUE

- 1 Inside IACSS
- 1 IJCSS – E-Journal (Vol.6/Ed.1)
- 2 6<sup>th</sup> International Symposium *Computer Science in Sport*  
– A summary
- 3 Upcoming Conferences
- 3 IJCSS – E-Journal-Prices
- 3 IACSS – Membership

## 6<sup>th</sup> International Symposium – IACSS 2007 – A summary by Keith Lyons



This year IACSS hosted its sixth international symposium in early June in the beautiful city of Calgary on the campus of the University of Calgary. Delegates from twenty-three countries attended the symposium and listened to sixteen keynote speakers. Delegates participated in six workshops and had the opportunity to hear over thirty oral presentations. Twenty posters were presented during the conference.

Professor Larry Katz and his organising committee were wonderful hosts for the Symposium. This was the first IACSS symposium to be held outside Europe. The numbers of attendees and their diverse interests were a testimony to the two years of planning and preparation for a rich and varied program.

Arnold Baca and Tony Kirkbride were the keynote presenters on the first evening of the symposium. Arnold provided an overview of research and fields of study in computer science in sport. Tony shared technological innovations in performance analysis with delegates.

The official welcome addresses took place on the first morning of the symposium. Ruth Moray-Sorrentino welcomed delegates and invited Jürgen Perl (President IACSS) and Wayne Giles (Dean of the Faculty of Kinesiology, University of Calgary) to open the symposium formally. Thereafter, Gretchen Ghent (President IASI), Benno Nigg, Thomas McLaughlin presented the three keynote presentations of Day Two. During the day two parallel streams of oral presentations took place with twenty different presenters. Delegates had the opportunity to view poster presentations to end a hectic day that started at 7.30 a.m. with a Stampede Breakfast.

If delegates thought Day 2 was intense, Day 3 proved to be a feast of activity. Nine keynote presenters discussed a range of topics that included: technology K-12 (Bonnie Mohnsen); blending science and high performance (Kristen Collins and Emil Kossev); personal learning environments (Keith Lyons); enhancing performance (Gordon Sievert); soft computing (Jürgen Perl); wireless sensor networks (Ken Fyfe); real-time feedback (Richard DeVaul) and a special session (Greg Ranieri).

In between these keynotes, there were ten oral presentations in two parallel streams and a workshop on wireless technology. The day ended with the General Assembly of IACSS.

The final day of the symposium had two keynotes: Gideon Ariel's overview of forty years of technological innovation and Mike Hughes's presentation on performance profiles. Larry Katz concluded an intense four days with a closing speech that summarised in a delightful way the preceding thirty hours of formal symposium activity.

Information about all these presentations mentioned here is at <http://web.mac.com/klyons1952/iWeb/A%20Calgary%20Companion/Welcome.html>

## Upcoming Conferences

APCST 2007, Asia-Pacific Congress on Sports Technology, September 23-26, 2007, Nanyang Technological University, Singapore

The Asia-Pacific Congress on Sports Technology, APCST 2007, aims to provide an international forum for scientists, engineers and educators from around the world who are involved in sports technology research, development and innovation. The Congress also aims to actively engage with the sporting goods industry through industry expo and specialist industry workshops. This is a major international event in the field of sports technology organised biannually in the Asia-Pacific region in collaboration with Japan Sports Engineering Association (JSEA) and Australasian Sports Technology Alliance (ASTA) and with the support of the International Sports Engineering Association (ISEA).

Details can be found at the conference homepage <http://www.ntu.edu.sg/apcst2007/>

Pre-Olympic Congress on Computer Science in Sports (IACSS 2008), August 5-7, 2008, Nanjing, China

Details can be found at the conference homepage <http://www.OlympicCongress.org>

Special exhibition Computer.Sport - High tech in motion (December 2008)

Opening December 2008, Heinz Nixdorf MuseumsForum, Paderborn  
<http://www.computer-sport.net/>

7th International Symposium Computer Science in Sport, September 23-26, 2009, Canberra, Australia

Details can be found at the conference homepage <http://www.ausport.gov.au/events/IACSS2009/>

## IJCSS – E-Journal - Prices

Prices:

- Standard: 35 Euro
- Students: 15 Euro
- IACSS-members: free
- Members of specific organizations (e.g. ECSS, dvs): 30 Euro
- Institutional subscriptions: 100 Euro

More information:

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

## 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:**

Professional Membership: 35 Euro per year.

Student Membership: 15 Euro per year.

Special Membership: 15 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.