

# IACSS - Newsletter

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## INSIDE IACSS

### PREAMBLE

Pre-Olympic Congress of *Computer Science in Sports*,  
July 24-25, 2012, Liverpool, United Kingdom.

### INTERESTED PERSONS/COLLEAGUES

At present 572 colleagues from over 50 countries are interested in IACSS – they either are subscribed to receive this Newsletter or to the E-Group.

### Imprint

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## Pre-Olympic Congress of Computer Science in Sports, July 24-25, 2012, Liverpool, United Kingdom

The 2012 Pre-Olympic Congress will take place from 24-25 July, 2012 (just before the London 2012 Olympic Games) in Liverpool, United Kingdom. The quadrennial conference is intended as a primary international forum for scientists and technicians.

This year, the congress will be held together with the 5<sup>th</sup> International Conference of Information and Computing Science and the 5<sup>th</sup> International Conference of Modelling and Simulation. The conference is organized by the International Association of *Computer Science in Sport* (IACSS) in conjunction with the International Journal of Sports Science and Engineering and TexEng Ltd.

The main purpose of the event is to provide an excellent environment for participants by meeting fellow academic professionals and new like-minded researchers, thereby enhancing communication, exchange and cooperation of the most recent research, education and application on relevant fields. It should also facilitate a friendly platform for academic and application professionals from crossing fields to communication together and share fresh ideas. The beautiful city of Liverpool with a rich culture, wonderful scenery, will definitely create unforgettable memories for everybody to bring home. Liverpool is only 50 minutes away from Manchester Airport by direct train, and two hours from London by train.

The registration for attending the conference is now open to all Speakers/Non-Speakers and Authors/Non-Authors. The registration can be completed by filling in the registration form available at the homepage of the conference.

The registration fee covers one copy of the relevant author volume (printed proceedings), conference sessions, coffee breaks, briefcase, opening ceremony, lunches between 24<sup>th</sup> and 25<sup>th</sup>, conference dinner on 24<sup>th</sup> of July 2012 and all social programs.

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The Pre-Olympic Congress **will be finished on 25<sup>th</sup> at midday**, allowing participants of the World Congress of Performance Analysis of Sport IX (see page 3) to travel to Worcester in time.

Members of IACSS:

- GBP 270 until April 10<sup>th</sup>, 2012
- GBP 320 after April 10<sup>th</sup>, 2012

Others:

- GBP 300 until April 10<sup>th</sup>, 2012
- GBP 350 after April 10<sup>th</sup>, 2012

The deadline for the submission of abstract is **March 15<sup>th</sup>, 2012**, which should be sent to [2012@OlympicCongress.org](mailto:2012@OlympicCongress.org).

The official acceptance/non-acceptance email with registration, hotel information will be send back before **March 31<sup>th</sup>**, 2012.

Camera-ready papers (2-4 pages) will be published in the proceedings and are due to **April 10<sup>th</sup>**, 2012. The paper template can be found online.

For more information please visit the conference homepage:

<http://www.olympiccongress.org/PreLondon2012>

## IACSS - Membership

The membership is open to individuals, groups, and national as well as international organizations interested in *computer science in sport*. The membership in the association consists of the following classes: Member, fellow, student member, special member and affiliate member as well as institutions.

The membership generally requires the submission of an application (by filling in the membership application form or via an online form), accompanied by the appropriate fee as prescribed at the time of the application.

The membership fee 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 at <http://www.iacss.org> under IACSS-Registration or can be filled in directly at <http://iacss.org/index.php?id=42>.

## IJCSS - E-Journal

**Volume 10, 2011, Edition 2 is online since December, 2011.**

This issue contains the following research papers and reports:

### Research Papers

*Minh Vu Huynh & Anthony Bedford:*

An Analysis of the Skills Acquisition Trainer for Badminton Program: Exploring the Effectiveness of Visual Based Training in Sport

*Thorsten Dahmen & Dietmar Saupe:* Calibration of a Power-Speed-Model for Road Cycling Using Real Power and Height Data

### Scientific Reports

*Josef Wiemeyer & Regine Angert:* Sport Computer Methods to Assess Motor Imagery

*Ihor Zanevskyy:* Mathematical and Computer Model of Sport Archery Bow and Arrow Interaction

### Project Reports

*Nina Schaffert & Klaus Mattes:* Designing an Acoustic Feedback System for On-Water Rowing Training

*Jürgen Perl & Daniel Memmert:* Net-Based Game Analysis by Means of the Software Tool SOCCER

*Jürgen Perl & Mark Pfeiffer:* PerPot DoMo: Antagonistic Meta-Model Processing two Concurrent Load Flows

This issue can be available at

<http://iacss.org/index.php?id=48>.

## IJCSS - E-Journal - Prices

Prices 2012:

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

More information:

<http://www.iacss.org/index.php?id=30>

## Upcoming Conferences and Events

9<sup>th</sup> Conference of the International Sports Engineering Association, July 9-13, 2012, Lowell, Massachusetts, U.S.A.

Hosted by the University of Massachusetts Lowell, ISEA's 9<sup>th</sup> International Sports Engineering Conference will be held at UMass Lowell's beautifully restored Inn & UMass Lowell's Inn & Conference Center in the heart of downtown Lowell, a vibrant global crossroads of culture, and birthplace of the American Industrial Revolution.

The seminar is mainly aimed at sports engineers, scientists, R&D specialists, equipment manufacturers and sporting industry professionals who wish to exchange ideas and discover what the next biggest trends in Sports Engineering will be.

The organizers expect to host over 150 presentations in three parallel sessions of three and a half days, and about 60 guided poster-presentations on three days of the conference. Presentations will be allotted 10-12 minutes plus 3-5 minutes of discussion.

In addition to the conference program, a number of entertaining side events for conferees and accompanying persons will be available. The main social event will be a special evening banquet on Thursday, 12<sup>th</sup> July, 2012.

Homepage: <http://continuinged.uml.edu/isea2012/>

World Congress of Performance Analysis of Sport IX, July, 25-28, 2012, Worcester, England

The Congress will be held at the University of Worcester, Worcester, England from the 25<sup>th</sup> - 28<sup>th</sup> July 2012, allowing the subsequent attendance of the 2012 London Olympic events. The conference agenda will contain world leading keynote speakers from the world of Performance Analysis, over 120 oral presentation spaces for original world class research and six hours of formal poster presentation sessions to disseminate learning from cutting edge science and research covering all aspects of the analysis of sport and performance.

A **special session** dedicated on **Computer Science in Sport** will be included in the program as well.

Deadline for abstract submission:  
Wednesday 29<sup>th</sup> February 2012

Abstract notification:  
Friday 30<sup>th</sup> March 2012

Web: <http://www.worcester.ac.uk/wcpas9/>

9<sup>th</sup> Conference of the dvs-section Computer Science in Sport, September, 12-14, 2012, Constance, Germany

After last year's successful organization of the 8<sup>th</sup> conference of the dvs-section Computer Science in Sport, the next symposium will be organized at the University of Constance, Germany.

Researchers are invited to contribute to this event with the following emphasis area:

- Data collection
- Data analysis
- Modeling and simulation
- Databases and data mining in sports
- Vizualization, presentation and e-learning
- Communication and mobile systems
- Sports equipment

Special topics of the conference include:

- Real time feedback for movement learning and rehabilitation
- Digital and serious games in sports
- Image and video processing

Call for Abstracts:

- Submission (2 pages): 17<sup>th</sup> June, 2012
- Acceptance note: 15<sup>th</sup> July, 2012

Homepage: <http://cms.uni-konstanz.de/informatik/saupe/sportinformatik-2012/>