

IACSS - NEWSLETTER

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IACSS FACTS

Currently, there are eight *national associations*

Issue 1 of *volume 13* of the International Journal for Computer Science in Sports (IJCSS) is published.

At present *594 colleagues* from over 50 countries *are interested in IACSS* – they either are subscribed to receive this Newsletter or to the E-Group.

Subscribe to E-Group:

<http://www.iacss.org/index.php?id=34>

IMPRINT

Michael Stöckl & Martin Lames

Dept. of Computer Science in Sport, ISW

University of Vienna

Auf der Schmelz 6

A-1150 Wien AUSTRIA

Phone: +43-1-4277 48880

e-mail: office@iacss.org

IACSS AUSTRALASIAN CONFERENCE, JUNE 22-24, 2014, DARWIN, AUSTRALIA

In June the IACSS Australasian conference took place in Darwin, located in Australia's Northern Territory. The conference was organized by a team headed by Ian Heazlewood from the Charles Darwin University.



Farewell photo IACSS 2014, Darwin

On 22nd of June the participants came together for registering at the conference venue in the evening. The conference itself was officially opened by the organizers represented by Ian Heazlewood and the IACSS president Martin Lames in the morning of the next day. They could welcome participants from eight different countries. After a day of excellent talks and delightful discussions the participants met for a dinner at Shannanigans Pub in the well-known Mitchell-Street of Darwin.

The second and last day of the conference started with a keynote lecture '40 Years of Sports Analysis: What have we achieved?' given by Ray Stefani from California State University, USA. Subsequently, the participants continued with splendid presentations until the conference was closed in the evening. At the farewell party of the conference all participants met at Darwin Sailing Club, where they enjoyed a wonderful sunset and dinner.

For most IACSS participants the stay continued with the conference of ANZIAM Mathsport group on the next two days.

IACSS wants to thank Ian Heazlewood for the great organization and support, and all other involved parties and helping hands for the good spirit created.



Martin Lames, president of IACSS, thanks Ian Heazlewood for organizing the conference

NEWS FROM NATIONAL ASSOCIATIONS

Portuguese Association of Computer Science in Sport

We are glad to inform that the Portuguese Association of Computer Science in Sport (PACSS) was officially founded. António Lopes was elected as the first president of PACSS is. PACSS is the 8th national association of IACSS.

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.

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 on <http://www.iacss.org> under IACSS-Registration.

CONFERENCE OF THE GERMAN ASSOCIATION OF COMPUTER SCIENCE IN SPORT, SEPTEMBER 10TH TO 12TH, 2014, VIENNA, AUSTRIA

From September 10th to 12th, 2014 the biannual conference of the German Association on Computer Science and Sport (dvs-Sektion Sportinformatik) took place at the Institute of Sport at the University of Vienna and was co-organized by the German and the Austrian Association of Computer Science in Sport. Scientists from twelve different countries participated at the conference and helped making the conference being a great success with their excellent presentations and fruitful discussions.

Keynote lectures were given by Prof. Peter Baumgartner from Danube University, Krems, (*New educational strategies in E-Learning*), Prof. Alois Ferscha from Johannes Kepler University Linz (*Sensor Based Activity Recognition – a Pervasive Computing Perspective*), Bonnie Mohsen (*Physical Education 2020*), and Prof. Didier Stricker from DFKI, Kaiserslautern, (*Finding, tracking and comparing with computer vision and motion sensors*).

The social event took place at the 'Heurigen' restaurant 'Zeiler am Hauerweg', which is a typical Eastern Austrian wine tavern where wine-growers serve their homemade wine and a variety of Austrian cuisine's titbits.

The conference was well organized by Arnold Baca, honorary president of IACSS, and his team.

Impressions from the conference on <http://sportinformatik.at/dvs2014/index.php/en/impressions>

IJCSS – E-JOURNAL - FEES

Fees 2014/15:

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

More information:

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

IJCSS - E-JOURNAL

Volume 13, 2014, Edition 1, is online since June, 2014.

The issue contains the following research papers and reports:

Research Paper

Raine Kajastila, Leo Holsti & Perttu Hämäläinen: Empowering the Exercise: a Body-Controlled Trampoline Training Game

Scientific Paper

Daniel Link: A Toolset for Beach Volleyball Game Analysis Based on Object Tracking

Project Report

Ales Filipcic, Andrej Panjan & Nejc Sarabon: Classification of top male tennis players

Part 2 – Special Edition

Research Paper

Nicole Bandom, Peter Emmermacher, Christine Stucke, Steffen Masik & Kerstin Witte: Comparison of a Video and a Virtual Based Environment Using the Temporal and Spatial Occlusion Technique for Studying Anticipation in Karate

Scientific Reports

Mads Moller Jensen, Kaj Gronbaek, Nikolaj Thomassen, Jacob Andersen & Jesper Nielsen: Interactive Football-Training Based on Rebounders with Hit Position Sensing and Audio-Visual Feedback

Paul Rudelsdorfer, Norbert Schrapf, Horst Possegger, Thomas Mauthner, Horst Bischof & Markus Tilp: A novel method for the analysis of sequential actions in team handball

<http://iacss.org/index.php?id=146>

PROPOSAL FOR “IACSS INTERNATIONAL TUTORIAL INITIATIVE”

Origin

Ideas and methods of Computer Science in Sports are not implemented at the same level in each country. In the past, IACSS was frequently addressed by different countries to assist in distributing Computer Science in Sports knowledge.

Initiative

An ideal way to do so would be organizing a tutorial in these countries for students, scientists, or practitioners of sport informatics. IACSS will announce that its experts are willing to offer courses in their domain. Interested organizers in countries demanding assistance may address IACSS to send an expert, for example for a week at free travel and stay, maybe honorary.

Procedure

IACSS will contact experts in the field asking to declare their willingness to assist in the initiative. In case of a potential organizer addressing IACSS for help the best matching expert from this list would be addressed.

The initiative could be announced after having agreement of the majority of the IACSS board members.

UPCOMING CONFERENCES AND EVENTS

10th International IACSS conference, 9th – 11th September 2015, Loughborough, UK

The next biannual conference of IACSS will take place in Loughborough from 9th to 11th September, 2015. Save the dates of this conference!

Further details will be published in the next IACSS newsletters and on the [IACSS website](#).

MathSport International 2015, 29th June - 1st July 2015, Loughborough, UK

As the name indicates MathSport brings together Mathematics and Sport, whereas the term sport is interpreted liberally and includes games and pastimes, gambling, lotteries, general fitness and health-related activities. The 5th international conference on this topic will be hosted at Loughborough University, UK, from 29th June to 1st July, 2015.

The abstract submission will open on 3rd November, 2014, and will close on 13th February, 2015.

For further details visit

<http://www.mathsportinternational2015.com/>

ECSS Vienna, with invited symposium on Computer Science in Sports

From 6th to 9th July, 2016, the 21st annual ECSS congress will be held at the Austria Center Vienna, which is located close to the United Nations Building, in Vienna. The conference with the theme 'Crossing Borders through Sport Science' will be organized by a team headed by Arnold Baca, honorary president of IACSS.

At the ECSS conference there will be some invited sessions. Every ECSS member can submit an application for an invited session before 15th November, 2014. An ECSS committee will decide which sessions will be accepted at the beginning of 2015. IACSS will submit an application for an invited session on Computer Science in Sport.

If you are interested in submitting an application for such an invited session as well, you can find further details [here](#).