

# IACSS - NEWSLETTER

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## IACSS FACTS

IACSS exists since **10 years**.

Currently, there are seven ***national associations***. In some more countries processes of planning or foundation are under way.

***Issue 2*** of ***volume 12*** of the International Journal for Computer Science in Sports (IJCSS) is published.

At present **591 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

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

Due to the increasing interest in Computer Science in Sport, especially in the Asia-Pacific region, an Australasian IACSS conference will be held in Darwin from 22<sup>nd</sup>-24<sup>th</sup> of June, 2014. A local team headed by Ian Heazlewood is organizing the conference. It will take place at Darwin Convention Centre which is directly located at the sea having some of Australia's best restaurants, hospitality venues, high-end retailers, and a pristine beach in its neighborhood.



The conference program is under way and, currently, the organizers are finalizing the keynote speakers. Everyone, who is interested in submitting a paper, is invited to submit contributions on theoretical issues and their applications related to both Computer Science and Sport Science. The abstract submission is already open since 15<sup>th</sup> of January and will end on 1<sup>st</sup> of April, 2014. Abstracts must be sent to [ian.heazlewood@cdu.edu.au](mailto:ian.heazlewood@cdu.edu.au).

Registration is open already, too. Early bird registration is possible until 5<sup>th</sup> of May, 2014.

For further details about registration, abstract submission and guidelines, travelling, accommodation, or touristic information in and around Darwin, please visit the conference website <http://www.cdu.edu.au/iacss2014/>.



## 10<sup>TH</sup> ANNIVERSARY OF IACSS

On May, 17<sup>th</sup> 2003, IACSS was officially founded. At the end of the 4<sup>th</sup> International Conference for Computer Science in Sports, organized at Barcelona by Prof. Natalià Balagué, the first general assembly came together and elected the founding board and the first IACSS president, Prof. Jürgen Perl from Mainz university.



The first board of IACSS elected at Barcelona in 2003. From left to right: Balagué, Wiemeyer, Lames, Pavicic, Hughes, Perl, Baca, Eder, Mester

The foundation of IACSS was prepared during the preceding years starting with a first International Conference for Computer Science in Sports at Cologne in 1997, Vienna 1999, and Cardiff 2001. Since then, biannual conferences in Croatia, Canada, Australia, China, and Turkey were organized seeing a growing attendance of participants as well as participating nations.

Policy of IACSS supports the foundation of national organizations of Computer Science in Sports, IACSS acting like an umbrella at the international level. This concept proved to be successful ever since. At present, seven national foundations exist and in several countries considerations in that direction are under way.

Due to technological progress in computer science there is a continuous stream of innovations with potential use in sports. IACSS mission is to stimulate discussions between computer scientists, engineers, and sports scientists to make best use of these innovations. As many working groups as possible should share their knowledge to find still better solutions.

We wish IACSS at least 10 more successful years. Compared to our knowledge in 2003 one may be curious where future will bring us!

## NEW SCHEDULE FOR OUR NEXT BIENNIAL IACSS CONFERENCE

Different from our announcement at the last international symposium on Computer Science in Sport in Istanbul, the 2015 biannual conference will not take place at INSEP, Paris. INSEP informed the IACSS president that due to a change in their policy they withdraw from the organization of the conference. IACSS regrets this step and thanks its board member Didier Seyfried for his efforts.

IACSS now is very happy that our British colleagues from recently founded BACSSE national association provided a quick solution. Under the organization of Chris Dawson the biannual conference 2015 will be held in Loughborough from 9<sup>th</sup>-11<sup>th</sup> of September.

IACSS is grateful to Chris Dawson and his staff for being helped in a fast and efficient way.

## NEWS FROM NATIONAL ASSOCIATIONS

### **Slovakia**

IACSS was informed by Prof. Erika Zemková from Slovak University of Technology in Bratislava that the process leading to a foundation of a Slovak Association of Computer Science in Sport is brought under way.

### **Germany and Austria**

The two national associations joined for a common conference organized by the chair of our honorary president Arnold Baca. The conference will take place at the Sports Institute in Vienna from 10<sup>th</sup> – 12<sup>th</sup> of September, 2014. For details see “Upcoming Events”.

## IJCSS - E-JOURNAL

**Volume 12, 2013, Edition 2 is online since December, 2013.**

The issue contains the following research papers and reports:

### Research Papers

*Allan Z. Maymin, Philip Z. Maymin & Eugene Shen:* NBA Chemistry: Positive and Negative Synergies in Basketball

*Ralf Schneider, Oleksandr Kalentev, Tatyana Ivanovska & Stefan Kemnitz:* Computer simulations of table tennis ball trajectories for studies of the influence of ball size and net height

*Nicole Ruch, Johanna Hänggi, Stephanie Zurbuchen & Urs Mäder:* Validation of the ActiSmile Physical Activity Feedback Device in the Activity Assessment

*Moritz Vetterli & Nicole Ruch:* Energy Expenditure Estimation in Children by Activity-Specific Regressions, Random Forest and Regression Trees from Raw Accelerometer Data

### Project Report

*Robert H. Schmicker:* An Application of SaTScan to Evaluate the Spatial Distribution of Corner Kick Goals in Major League Soccer

<http://www.iacss.org/index.php?id=144>

## 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.

## UPCOMING CONFERENCES AND EVENTS

### 10<sup>th</sup> International Symposium on Computer Science in Sport, 9<sup>th</sup>-11<sup>th</sup> of September, 2015 Loughborough, UK

As reported above the 10<sup>th</sup> international IACSS conference will be held in Loughborough. Under organization of Chris Dawson the conference will take place at Loughborough University from Monday 9<sup>th</sup> to Wednesday 11<sup>th</sup> September, 2015. Further information about the conference will be published in the next IACSS newsletters and on the [IACSS website](#).

### Conference of the German Association of Computer Science in Sport, September 10<sup>th</sup> to 12<sup>th</sup>, 2014, Vienna, Austria

From September 10<sup>th</sup> to 12<sup>th</sup>, 2014 the biannual conference of the German Association on Computer Science and Sport will be held at the Institute of Sport at the University of Vienna.

Keynote lectures will be given by Prof. Peter Baumgartner (Danube University, Krems), Prof. Alois Ferscha (Johannes Kepler University Linz), Bonnie Mohnsen, PhD (Bonnie's Fitware Inc.), and Prof. Didier Stricker (DFKI, Kaiserslautern).

The abstract submission is open and will be closed on 1<sup>st</sup> of June, 2014. Everyone who is interested is welcome to submit a contribution focusing the conference topics (see the [conference website](#)). Arnold Baca and the organization team are looking forward to welcome many interested scientists. Presentations in English are welcome as well.

For further information please visit the conference website: <http://sportinformatik.at/dvs2014/>

## IJCSS – E-JOURNAL - FEES

### Fees 2014:

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

More information:

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