

# IACSS - NEWSLETTER

November 2017

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## IACSS FACTS

Currently, there are eight ***national associations***.

***Issue 1*** of ***volume 16*** of the International Journal for Computer Science in Sports (IJCSS) is published.

At present ***497 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](mailto:office@iacss.org)

## 11TH INTERNATIONAL SYMPOSIUM ON COMPUTER SCIENCE IN SPORT, 2017, CONSTANCE, GERMANY

From 7<sup>th</sup> to 9<sup>th</sup> of September, 2017, our 11<sup>th</sup> International Symposium on computer science in sport was held in Constance, Germany. It was organized by Dietmar Saupé and his team at the University of Constance. Participants and invited researchers from eleven countries attended invited lectures, plenary sessions and plenary discussions on all topics of sports informatics. Keynote lectures were given by Patrick Lucey (*Interactive Sports Analytics: Going Beyond Spreadsheets*), Betty Mohler (*Virtual Reality Technology as a Tool for Sports Science*), Robert Schumaker (*Predicting Wins and Losses in Team Sports - Approaches and Examples*) and Manuel Stein (*Visual Analytics for Soccer*).



The conference took place at the University of Constance, a venue that had already shown to be a well-suited place to bring together scientists and people interested in computer science in sport in the past. There was a get-together reception, a worthwhile guided tour through the beautiful historic part of Constance and a boat tour on Lake Constance finishing with a conference dinner on the impressive Mainau Island.

We would also like to thank all participants for the fruitful discussions and enriching presentations. The contributions of all presenters were published as part of the *Advances in Intelligent Systems and Computing* book series (AISC, volume 663; <https://link.springer.com/book/10.1007/978-3-319-67846-7>) at Springer Link.

IACSS would like to thank Dietmar Saupe and his staff for the great organization and support, and all other involved parties and helping hands for the good spirit created.

## GENERAL ASSEMBLY 2017

On behalf of the 11<sup>th</sup> Symposium on Computer Science and Sport in Constance the biannual general assembly of IACSS was held. One of the main topics was the election of the new Board of Directors:

### President:

Martin Lames (Munich, Germany)

### General Secretary:

Hui Zhang (Hangzhou, China)

### Treasurer:

Michael Stöckl (Vienna, Austria)

### Elected Members of IACSS Board

Hayri Ertan (Turkey)

Iwan Griffith (UK)

Rajesh Kumar (India)

Daniel Link (Germany)

Keith Lyons (Australia)

Chikara Miyaji (Japan)

Tiago Russomanno (Brasil)

Dietmar Saupe (Germany)

Josef Wiemeyer (Germany)

Kerstin Witte (Germany)

### Honorary Presidents of IACSS

Arnold Baca (Austria)

Jürgen Perl (Germany)

## OPEN ACCESS IJCSS

Since 2016 the new IJCSS issues are published open accessible on the website of de Gruyter Open (<https://www.degruyter.com/view/j/ijcss>). In contrast to other open access journals publishing is free for authors of regular issues at the IJCSS since IACSS is taking care of the publication fees. Currently, we are applying for the impact factor from Thomson Reuters. Elsevier lists a *CiteScore*, an impact factor that is very similar to the Thomson Reuters' index, of 0.4 for the IJCSS in 2016.

We would appreciate if the number of submissions from inside IACSS will remain at least as high as they are. So if you have a paper that fits to the scope of IJCSS feel free to submit it to the editor in chief Arnold Baca ([arnold.baca\(at\)univie.ac.at](mailto:arnold.baca(at)univie.ac.at)).

## IJCSS - E-JOURNAL

**Volume 16, 2017, Edition 1 is online since July, 2017.**

The issue contains the following research papers, reports and book review:

*Serrien, B., Goossens, M., Baeyens, J-P.*

Issues in Using Self-Organizing Maps in Human Movement and Sport Science

*Yaldo, L., Shamir, L*

Computational Estimation of Football Player Wages

*Clemente, F. M., Martins, F. M. L.*

Network structure of UEFA Champions League teams: association with classical notational variables and variance between different levels of success

*Hvattum, L. M.*

Ordinal versus nominal regression models and the problem of correctly predicting draws in soccer

*Perl, J., Memmert, D.*

A Pilot Study on Offensive Success in Soccer Based on Space and Ball Control – Key Performance Indicators and Key to Understand Game Dynamics

<https://www.degruyter.com/view/j/ijcss.2017.16.issue-1/issue-files/ijcss.2017.16.issue-1.xml>

## REPORTS FROM NATIONAL ASSOCIATIONS

### National Association to be acknowledged by IACSS in Switzerland

At the occasion of the 4<sup>th</sup> Sportdata & Performance Forum from 27<sup>th</sup> to 28<sup>th</sup> of November, 2017, at Zurich, Switzerland, the Switzerland Association of Computer Science in Sports (SACSS) will be officially acknowledged by IACSS.

The first speaker of SACSS, Martin Rumo from ETH Magglingen, has put forward the effort towards a national association in Switzerland. Many interested researchers from sports science as well as from computer science have joined the movement demonstrating that there is an interested community.

### Russian Association of Computer Science in Sport established

On August 30<sup>th</sup> 2017 a meeting of 51 scientists from the field took place and decided to found the Russian Association of Computer Science in Sport. Egor Temme was designated Executive Secretary and a council and scientific advisory board was installed. Next steps to come are increasing the national members and to conduct talks with IACSS for official acknowledgement.

## 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 year is the calendar year. The Membership Application Form can be found on <http://www.iacss.org> under IACSS-Registration.

## IACSS – MEMBERSHIP - FEES

### Fees 2017/18:

Standard: 40 Euro

Students: 20 Euro

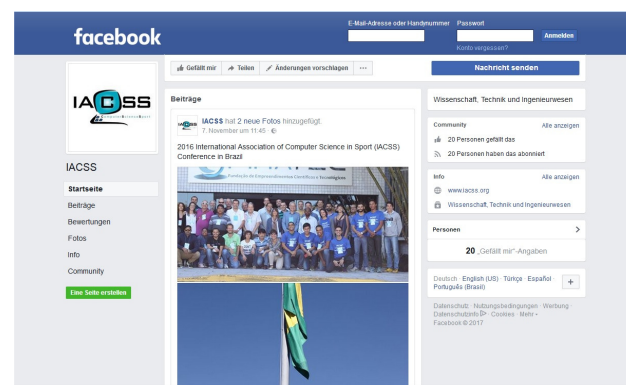
Institutional subscriptions: 80 Euro

More information:

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

## IACSS GOES SOCIAL MEDIA

For an association that exists to promote developments in computer science in sport it is long overdue to present itself in different frequently used social media. Deserving of thanks, Tiago Russomanno and his team created and will be responsible for our [Facebook](#), [Instagram](#) and [Twitter](#) accounts.



In order to have lively social media presences we ask all IACSS members to participate filling as well as connect to and share the different IACSS accounts. We welcome all kinds of IACSS related input for the accounts, such as announcements, reports on or images from conferences, special issues (also) in other journals, activities in the national associations, funding opportunities, specific achievements of IACSS members, or rewards to IACSS members. Needless to say any other computer science in sport related topics are welcome too.

If you would like to provide content for one of the accounts, please get in touch with Tiago Russomanno ([tiagorussomanno\(at\)unb.br](mailto:tiagorussomanno(at)unb.br)).

## PAST EVENTS AND CONFERENCES

### IACSS Representatives in Turkey (November 2016)



From the 1<sup>st</sup>-4<sup>th</sup> of November, 2016, IACSS representatives took part in the 14<sup>th</sup> International Congress of Turkish Sports Sciences Association. The picture shows (left to right) IACSS member Roland Leser, congress organizer Prof. Demirhan, IACSS president Martin Lames and the president of the Turkish Association for Computer Science in Sports (TACSS), Prof. Dr. Hayri Ertan.

### IACSS Presentation in Moscow



On behalf of the annual scientific conference of the Moscow Center of Advanced Sport Technologies (MCAST) IACSS Martin Lames had the opportunity to introduce IACSS in a plenum talk. Also a section in English was organized: "Mathematical modeling and computer science in the task of sports" with section chairs S.S. Simakov and E.A. Timme.

### IACSS-invited sessions at ECSS 2017



On behalf of the 22<sup>nd</sup> Annual Congress of the ECSS 2017 in Essen/Germany from 5<sup>th</sup> to 8<sup>th</sup> of July, 2017, IACSS organized two invited sessions.

Board member Josef Wiemeyer invited for "Serious Games in Sport and Health - Chances and Challenges" with a critical review by Josef and presentations on personalized training in exergames as well as on competition versus cooperation in games for health (A.S. Staiano, USA).

President Martin Lames organized "Big data in Sports" with Andrew McCormick-Smith from SAP, Germany, presenting the developer perspective, with Patrick Lucey from STATS (USA) giving the analytics perspective and Ana Volossovitch, Portugal, rounding up with the Sports perspective. Photo: Patrick, Ana, Martin & Andrew (left to right).

## UPCOMING CONFERENCES AND EVENTS

The annual scientific conference of the Moscow Center of Advanced Sport Technologies (MCAST) will take place on 13<sup>th</sup> - 14<sup>th</sup> of December, 2017, at Moscow, Russia. Dietmar Saupe and Martin Lames will attend an invited session in English and introduce IACSS as well as having a discussion on further collaboration between Russia and IACSS.