

The 10th International Conference on Intelligent Environments IE'14

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Workshops 30th June-1st July 2014 Conference 2nd-4th July 2014

Sponsored by the IEEE 'Systems, Man, and Cybernetics Society' and the Association for the Advancement of AI, together with technical sponsorship from 'IEEE SMC Technical Committee on Human-Computer Interaction'



The 10th Intelligent Environments conference and associated workshops are organized by the Departments of Computer Science & Engineering and the Department of Department of Automation of Shanghai Jiao Tong University (SJTU). The 2014 edition follows a series of highly successful conferences that were previously organized in Colchester (UK), Athens (Greece), Ulm (Germany), Seattle (USA), Barcelona (Spain), Kuala Lumpur (Malaysia), Nottingham (UK) and Guanajuato (Mexico).

Intelligent Environments (IEs) use networked computing technology to create environments that are sensitive and responsive to the presence of people. Such environments are as varied as the places people inhabit encompassing settings such as homes, classrooms, factories, transport, clothing and online virtual worlds, They are constructed using a mix of innovative software and hardware concepts and, as such, promote the efficiency of transactions and activities, facilitate presence and participation, improve user experience and enable better or new lifestyles or methods of production. Any aspect of science, engineering, architecture, sociology, government, education or business that touch on these ideas is relevant to this conference. The conference provides a multidisciplinary interactive forum for researches and practitioners from the above disciplines to present theoretical and practical results of their work.

Conference Program:

Authors are invited to submit regular full conference papers as well as contributions to the Doctoral Colloquium, Posters Session or Demos & Videos Session. In addition to the main programme of scientific papers, attendees will be able to participate in a number of supporting activities such as a vibrant set of workshops, and Industrial Forum (which will facilitate networking between academics and industrialists), an Education Forum (focusing on building Future Intelligent Educational environments from Intelligent Environments technologies) and a novel INTEL sponsored "Maker" event (which will explore applying Intelligent Environment technologies for product innovation).

Keynote Speakers

*Professor Yu Zheng from Microsoft Research Asia (<http://research.microsoft.com/en-us/people/yuzheng/>) will give his keynote on "Urban Computing with Big Data".

*Professor SHI Yuanchun from Tsinghua University (<http://media.cs.tsinghua.edu.cn/~pervasive/shiyc>).

More keynote speakers will be listed in the future.

Workshops Program

As in previous editions, a number of workshops will complement the main conference program. We invite both proposals and papers for workshops: Please visit our workshops page <http://intenv.org/?q=conferences/ie14/workshops>

Publications

All papers accepted in the main conference will be published by the IEEE and electronically available through IEEE Xplore. In addition, the conference will be submitted for review and indexing to **EI Compendex** and **Thomson ISI**. All papers accepted in the Workshops program will be published as a volume of the Ambient Intelligence and Smart Environments Series of IOS Press (also **ISI indexed**) and electronically available through ACM Digital Library.

Special Issues

A number of special editions of Journals will be published encompassing core areas of the event including special issues of the Journal of Ambient Intelligent and Smart Environments, Intelligent Buildings International and the Transactions of Future Intelligent Educational Environments.

Awards

There will be a number of awards for Best Full Paper, Best Demos and Best Video etc.

Celebration

Being the 10th Anniversary of the Intelligent Environments conference series, we are planning to mark this occasion with some special events, what we will announce later. Please visit our social activities page <http://intenv.org/?q=conferences/ie14/social>.

Another feature of our celebration is to allow authors of papers for the main conference to submit, free of charge, a second paper to an "Outer Limits" (<http://www.creative-science.org/activities/ol/>) thread within the conference which provides a way for authors to present an imaginative view of the possible impact of their research on future lifestyles by, say, 2046 (please email us separately at pc@intenv.org if you would be interested in this option).

Shanghai:

For more information about tourism in Shanghai and China see our "Tourism" page (<http://intenv.org/?q=conferences/ie14//tourism>) or visit the Official Shanghai China Travel Website (<http://www.meet-in-shanghai.net/>).

For information on Shanghai Jiao Tong University, see the SJTU website (<http://en.sjtu.edu.cn/>) the PowerPoint Presented at IE'13 (<http://intenv.org/sites/default/files/IE14Shanghai%28AsPresented%29.pdf>) or a video about the University (<http://en.sjtu.edu.cn/about-sjtu/sjtu-today>)

** Important Dates**

Main Conference:

- * Papers submission (all categories): 31st January 2014
- * Paper decision notification: 4 April 2014.
- * Final Version to be submitted by: 9 May 2014.

Workshops

- * Workshops proposals (Early Birds): 9th September 2013.
- * Workshop decisions (Early Birds): 23rd September 2013
- * Workshop CFP (Early Birds): 30th September 2013
- * Workshop proposals (Late Birds): email wc@intenv.org

Topics of Interest include but are not limited to:

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|--------------------------------------|------------------------|
| * Ambient Intelligence | * End-user Programming |
| * Intelligent agents | * HCI |
| * Artificial Intelligence | * Middleware |
| * Computational Intelligence | * Interaction Design |
| * Ubiquitous/Pervasive Computing | * Mobile Computing |
| * Internet-of-Things | * Wearables |
| * Sensors & Wireless Sensor Networks | * Electronic Clothes |
| * Context Awareness | * Creative Music |

- * Smart Surfaces
- * Assisted Living technology
- * Smart Homes
- * Intelligent Buildings
- * Smart vehicles
- * Smart Cities
- * Sustainable Design
- * Security & Reliability

- * Robotics
- * Industrial Automation
- * Future Education Environments
- * Architecture (building)
- * Socio-Technical Issues
- * Business
- * etc

General Chairs:

Ruimin Shen (Shanghai Jiaotong University, China)

Jianbo Su (Shanghai Jiaotong University, China)

Program Chairs:

Victor Callaghan (University of Essex, UK)

Liping Shen (Shanghai Jiaotong University, China)

Workshop Chairs:

Juan Carlos Augusto (Middlesex University, UK)

Tongzhen Zhang (Shanghai Jiaotong University, China)

For enquiries contact:

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Program Related	pc@intenv.org
Workshops Related	wc@intenv.org

Social Networks

** Facebook (<https://www.facebook.com/IntelligentEnvironments>)

** Twitter (https://twitter.com/IE_Forum)

** Weibo (<http://www.weibo.com/IE2014CN>)

** LinkedIn

(http://www.linkedin.com/groups?home=&gid=2578102&trk=anet_ug_hm)

** Website (<http://www.intenv.org>)