

# Call for papers

*The 10th International Conference on Intelligent Environments (IE'14)*  
<http://www.intenv.org>



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 researchers and practitioners from the above disciplines to present theoretical and practical results of their work.

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).

Topics of Interest include but are not limited to:

- Ambient Intelligence
- Intelligent agents

- Artificial Intelligence
- Computational Intelligence
- Ubiquitous/Pervasive Computing
- Internet-of-Things
- Sensors & Wireless Sensor Networks
- Context Awareness
- End-user Programming
- HCI
- Middleware
- Interaction Design
- Mobile Computing
- Wearables
- Electronic Clothes
- Creative Music
- Smart Surfaces
- Assisted Living technology
- SmartHomes
- Intelligent Buildings
- Smart vehicles
- Smart Cities
- Sustainable Design
- Security & Reliability
- Robotics
- Industrial Automation
- Future Education Environments
- Architecture (building)
- Socio-Technical Issues
- Business

## 1. 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).

## 2. Invited speakers

At the moment we have the following keynote speakers confirmed (more keynotes to be confirmed in the future):

- Professor Yu Zheng from Microsoft Research Asia will give his keynote on “Urban Computing with Big Data”.
- Professor SHI Yuanchun from Tsinghua University.

See more details through the website of the Conference.

## 3. Awards

As in previous editions, there will be a number of awards to reward quality and innovation. There will be prizes for Best Full Paper, Best Demos and Best Video etc.

## 4. Workshops program

A number of workshops will complement the main conference program. For more details please visit the website: <http://intenv.org/?q=conferences/ie14/workshops>.

## 5. Forums

In addition, this year the workshops will be integrated to the main conference via two events that bridge the workshops and conferences: an Industrial Forum, and an Educational Forum. More details can be found on the website.

## 6. Important dates

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

## 7. 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.

## 8. 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.

## 9. Celebration and social activities

Being the 10th Anniversary of the Intelligent Environments conference series, we are planning to mark this occasion with some special events, including: Gala Dinner, Traditional Chinese Music performed by the Shanghai Jiaotong Student Chinese Orchestra, Chinese Dance Display, presentation of an special Overture (International Environments Overture). Additionally, we will have the participation of Prof. Minjuan Wang performing Sevillanas (folk dances from Sevilla, Spain) and Prof. Gordon Hunter will share his reflections on 10 years of IE Conferences. As pre-dinner treat, Brian Johnson will be reading and commenting on some extracts of his new book “The 21st Century Robot”. We will announce more surprises on 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](mailto:pc@intenv.org) if you would be interested in this option).

Shanghai is a popular tourist destination renowned for its historical landmarks such as The Bund, Old City God Temple and Yuyuan Garden, as well as the extensive and growing Lujiazui skyline. 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/>.

## 10. Organization

- 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)
- Publicity & Social Media Chairs:  
Victor Zamudio (Instituto Tecnológico De León, Mexico)  
Du Jing (Tsinghua University, China)  
Jeannette Chin (Anglia Ruskin University, UK)

For enquiries contact:

Venue Related	<a href="mailto:gc@intenv.org">gc@intenv.org</a>
Program Related	<a href="mailto:pc@intenv.org">pc@intenv.org</a>
Workshops Related	<a href="mailto:wc@intenv.org">wc@intenv.org</a>
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