

Call for papers

The 12th International Conference on Intelligent Environments (IE'16)

<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 12th Intelligent Environments conference and associated collocated events are organized by the Department of Computer Science at Middlesex University London. The 2016 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) Guanajuato (Mexico), Athens (Greece), Shanghai (P.R. of China), and Prague (Czech Republic).

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
- Smart Homes
- Intelligent Buildings
- Smart vehicles
- Smart Cities
- Sustainable Design
- Security & Reliability
- Robotics
- Industrial Automation
- Future Education Environments
- Architecture (building)
- Socio-Technical Issues
- Business

1. Conference features

Conference program: The conference provides a multidisciplinary collaborative forum for researchers and practitioners from Computer Science, Electronic Engineering, Building Architecture, Art & Design, Sociology, Government and Education to present theoretical and practical results related to the development and applications of Intelligent Environments. The event will include regular full/short papers as well as a Doctoral Colloquium, a Posters Session and Demos & Videos Session.

Workshops program: as in previous editions, a number of workshops will complement the main conference program. Papers accepted in any of the workshops sponsored by this conference will be included in one Proceedings volume that will collect the contributions in all workshops.

Publications: all papers accepted in the main conference will be published by the IEEE and electronically available through IEEE Explore. All papers accepted in the Workshops program will be published as a volume of the Ambient Intelligence and Smart Environments Series of IOS Press which is:

- Indexed in Proceedings Citation Index from Thomson Reuters (CPSI-S).
- Open Access through IOS Press.
- Electronically available through ACM Digital Library.

Industrial forum: this will be a networking event and an opportunity for the business sector to showcase their innovation.

Tutorials programme: for this edition we will include a number of tutorials by well-known colleagues on important topics.

Special issues: a number of journal issues will be published encompassing core areas of the event.

Special sessions: selected topics will qualify to be considered as special tracks organized by members from our scientific community. More details will be released through the webpage of the event.

Awards: a number of awards will recognize the best Full Paper, Short Paper, Doctoral Colloquium paper, Demo, and Video.

2. Important dates

Full Papers – Regular

- Paper submission: 1st March 2016
- Paper decision notification: 29th April 2016
- Final Version: 20th May 2016

Short Papers – Work in progress, position, demo, video papers

- Paper submission: 15th March 2016
- Paper decision notification: 29th April 2016
- Final version: 20th May 2016

3. Organization

General Chairs:

Juan Carlos Augusto (Middlesex Univ. London)
Gordon Hunter (Kingston University, London)
Mehmet Karamanoglu (Middlesex Univ. London)

Program Chair:

Stefan Poslad (Queen Mary University London, UK)

Workshop Chairs:

Paulo Novais (Universidade do Minho, Portugal)
Shin'ichi Konomi (University of Tokyo, Japan)

For enquiries contact:

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

