Call for papers

The 8th International Conference on Intelligent Environments (IE'12)

http://www.intenv.org

Intelligent Environments (IE) refer to physical spaces in which IT and other pervasive computing technology are woven and used to achieve specific goals for the user, the environment or both. IE enriches user experience, better manages the environment's resources, and increases user awareness of that environment.

The 8th International Conference on Intelligent Environments (IE'12) will be held at the beautiful and historic World Heritage UNESCO city of Guanajuato (México) famous for its subterranean streets, ancient churches, the Callejón del Beso (Alley of the Kiss), and owing its fame and fortune to rich veins of silver and gold discovered in the 18th century.

This edition continues a series of highly successful conferences that were organized in Colchester (UK), Athens (Greece), Ulm (Germany), Seattle (USA), Barcelona (Spain) and Kuala Lumpur (Malaysia), and Nottingham (UK) in the past seven years. The conference provides a multidisciplinary collaborative forum for researchers and practitioners to present theoretical and practical results of Intelligent Environments work. This conference program will include workshops, invited lectures and special sessions of full and posters. Topics of interest include (but are not limited to):

– Ambient Intelligence
– Ubiquitous/Pervasive Computing
– Urban Intelligence
– Context Awareness

– End-User Programming
– HCI (Speech, Vision and Haptics)
– Affective Systems and Wearables
– Virtual & Mixed-Reality
– Middleware and Networking
– Hardware and Software for AmI
– Embedded Computing
– Theoretical Foundations
– Building Architecture
– Arts and Design
– Social Sciences
– Government and Law
– Green and Sustainable Design
– Tele-care and Telemedicine
– Educational Technology
– Smart Automobiles
– Industrial Automation
– Avionics and Space
– Robotics
– Evaluation Methodologies

1. Conference program

The conference provides a multidisciplinary collaborative forum for researchers and practitioners from disciplines such as Computer Science, Electronic Engineering, Building Architecture Art & Design, Sociology, Government and Education to present theoretical and practical results of Intelligent Environments.

Authors are invited to submit regular full papers as well as contributions to the Doctoral Colloquium, Posters Session or Demos & Videos Session. Papers accepted in any of these tracks will also be included in the Conference Proceedings (see more details in Publications section below). The deadline for submitting to these tracks is the same than for main conference paper submission. Contact details are offered further down in this document.

2. 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 Demo, Best Video and for the Intelligent Environments Application Challenge.

3. Workshops program

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, see more details in the publications section.

4. Organising an IE12 workshop

We invite people who would like to submit a proposal for organising an IE12 workshop to contact the programme chairs (pc@intenv.org) or download a Workshop-Proposal CFP from our website. IE workshops benefit from the support of the IE organisation and include a profit share arrangement with the organisers.

5. Important dates

Workshop proposals submission: 5th December 2011
Conference paper submission: 14 January 2012
Conf. Notification of acceptance: 14 March 2012
Workshop submission: 30 March 2012
Conference Paper (final version): 16 April 2012
Workshop Paper (final version): 14 May 2012

Workshops 26–27 July 2012
Conference 26–29 July 2012

6. Publications

All papers accepted in the main conference will be 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 (ISI indexed) of IOS Press and electronically available through ACM Digital Library.

7. Invited speakers

As in previous editions, IE'12 will invite distinguished professionals through a number of Keynotes. They will be announced through the website of the event in the near future.

8. Special issues

A number of journal issues will be published encompassing core areas of the event.
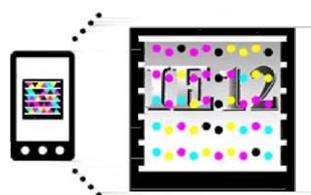
9. Organization

General Chair
Victor Zamudio (Instituto Técnico de León, Mexico)
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