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Guanajuato, México.

26-29 of June 2012, (workshops on 26-27 of June 2012)

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*
- *Urban Intelligence*
- *Ubiquitous/Pervasive Computing*
- *Context Awareness*
- *End-User Programming*
- *Human-Computer Interaction*
- *Affective Systems & Wearables*
- *Virtual & Mixed-Reality*
- *Middleware & Networking*
- *Hardware & Software for AmI*
- *Embedded Computing*
- *Theoretical Foundations*
- *Building Architecture,*
- *Arts & Design,*
- *Social Sciences,*
- *Government and Law*
- *Green & Sustainable Design*
- *Tele-care and Telemedicine*
- *Educational Technology*
- *Smart Automobiles*
- *Industrial Automation*
- *Avionics and Space*
- *Robotics*
- *Evaluation Methodologies*

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.

If you are interested to make use of the online presentation option, please check first with the Online Track Chair (mgardner@essex.ac.uk) or the Program Chairs (pc@intenv.org) about this.

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.

Workshops Program: A number of workshops will complement the main conference program (see current list offered at: <http://intenv.org/?q=conferences/ie12/workshops>). 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.

Important Dates:

- Conference paper submission: 10 February 2012
- Conference paper notification: 30 March 2012
- Conference Papers (Final Version): 16 April 2012

(For Workshop deadlines visit the Workshops page)

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.

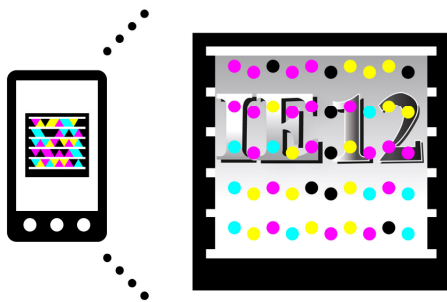
Invited Speakers: as in previous editions, IE'12 will offer a stimulating keynote program:

- "iLearning: Create a Cloud-based Learning Environment" by Minjuan Wang
- "Probabilistic Graphical Models and their Applications in Intelligent Environments" by Luis E. Sucar
- "Intelligent Liveable Cities" by Derek Clements-Croome

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

- Intelligent Buildings International (IBI) www.tandfonline.com/tibi
- Journal of Ambient Intelligence and Smart Environments (JAISE) www.jaise-journal.org/
- Trans. on Future Int. Educational Environments icst.org/future-intelligent-educational-environments/

For enquiries contact



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The gala dinner will be at Hotel [Mision Boutique Casa Colorada](#):

