Call for papers

Workshop on Artificial Intelligence Techniques for Ambient Intelligence (AITAmI'10)
`http://www.infj.ulst.ac.uk/~jcaug/aitami10.htm`

AITAmI'10, the 5th edition of the International Workshop on Artificial Intelligence Techniques for Ambient Intelligence, will be held in Kuala Lumpur – Malaysia, 18th–19th July 2010.

This workshop will complement related events around the world by focusing on the special relevance of Artificial Intelligence techniques to the goals of Ambient Intelligence, and on the most likely avenues for practical application. *AITAmI'10* will provide an open forum based on a variety of presentations: research papers, keynotes, discussion session and industrial demos.

1. Topics

Topics of interest include, but are not limited to:

– agent-based approaches to AmI
– interaction with autonomous systems
– individual/group emotional status
– individual/group preferences
– mediating conflicting interests
– intelligent interactive systems
– multi-modal interfaces (voice, image and video, bio-signals, handwriting, etc.)
– modelling complex environments (smart homes, smart cars, hospitals, museums, transportation, classrooms, etc.)
– non invasive sensing and interaction
– context awareness
– cognitive modelling of users
– applications (health, industry, teaching, supporting group collaboration, etc.)
– responsive/active architecture
– innovative applications of AI to Ambient Intelligence
– traditional relevant areas of AI (KR, reasoning about actions, spatio-temporal reasoning, CBR, planning, uncertainty, learning, belief revision, vision, decision-making, etc.)

2. Important dates

Deadline for submission	30 April 2009
Notification of acceptance	15 May 2009
Camera-ready paper deadline	30 May 2009

3. Workshops co-chairs

J.C. Augusto (University of Ulster, UK)
D. Cook (Washington State University, USA)

4. Submission

Authors wishing to participate as speakers in this event should:

- Format their papers following the same formatting guidelines than for the main conference, and
- Submit through the online submission system indicated in the web page of this event.

All papers accepted will be published in the proceedings of the event. Relevant post-workshop publications will be pursued.

5. Other features of the event

As in previous editions we will provide distinguished keynote speakers, Grants for Ph.D. students, and Best Presentation Awards.

6. Contact

By e-mail: jc.augusto@ulster.ac.uk