

Call for papers

International Joint Conference on Ambient Intelligence (AmI-11): ‘Shaping the Next Decade’
<http://ami-11.org/>

1. Background

Ambient Intelligence (AmI) represents a vision of the future in which products and services will be responsive to the user context, offering a rich variety of applications in the professional and consumer domains. AmI combines concepts of ubiquitous technology, intelligent systems and advanced user interface design putting the humans in the centre of technological developments.

Starting as the European Symposium on Ambient Intelligence in 2003 the event has grown to an annual international conference that brings together researchers and serves as a forum to discuss the latest trends and solutions.

Following the publication of early scenarios on Ambient Intelligence in 2001 by the European Commission’s Joint Research Centre, the theme of AmI-11 will focus on the “The Road Ahead, Shaping the Next 10 Years”.

Authors are invited to submit manuscripts of original, unpublished work in all areas related to AmI. The contributions can be research papers, landscape sessions, late-breaking result posters, demonstrations and workshops, describing significant advances in AmI on the following themes:

- Multimodal / Tangible Interaction / Natural User Interfaces
- Smart Spaces / Social Intelligence / Context Awareness
- Embedded User Interfaces
- Prototyping / Tools
- Design Methods / Evaluation
- Smart Input / Display / Vision
- Security / Privacy / Trust
- Business Models
- Knowledge Systems / Computational Intelligence / Pattern Detection
- Autonomic Systems / Agents / Robots

2. Submissions and proceedings

Contributions are welcomed for the following conference tracks:

- FULL PAPERS (10 pages): Original, high quality research contributions advancing the state of the art in AmI. Work reflecting various interdisciplinary aspects of AmI research with clear results.
- LANDSCAPES (5 pages): These provide a forum for presenting ongoing work and new initiatives and activities, overviews of significant projects, testbeds, organizations and laboratories in the field of AmI.
- WORKSHOPS: An opportunity to meet in the context of the conference and to discuss emerging and future areas in a field of interest. Organized as full day workshops (6 hours per day) and half-day workshops (3 hours per day).
- LATE BREAKING PAPERS (5 pages): Results based on scientific evidence toward novel and valuable contributions in the field of AmI. Work of high potential and well positioned in the state of the art.
- DEMOS & POSTERS: Ongoing work with a high potential to attract interest and to create discussions with other conference participants. Submissions include a 4-page extended abstract laying out research approach, contributions and results.

The conference proceedings will be published by Springer. Authors are invited to submit original papers, not previously submitted to other conferences or journals, of not more than 10 pages for full papers and 5 pages for late breaking/landscape papers in single-column, single-spaced text following the Springer LNCS manuscript guidelines.

Full and short paper submissions must be anonymised to facilitate blind review. Instructions for manuscripts preparation and paper submission will be found on the conference web site www.ami-11.org.

3. Important dates

Regular papers submission: May 20, 2011
 Landscape papers submission: June 3, 2011
 Late breaking papers submission: July 11, 2011
 Applications to the Doctoral Consortium: August 15, 2011
 Demo and exhibition submission: October 3, 2011

4. Committee

Honorary Chair
 Emile Aarts, Philips Research, the Netherlands

General Chair
 Ben Kröse, University of Amsterdam and Amsterdam University of Applied Sciences, the Netherlands

General Co-Chair
 Hamid Aghajan, Stanford University, USA and Ghent University / IBBT, Belgium

Program Chairs
 David Keyson, Delft University of Technology, the Netherlands
 Mary Lou Maher, University of Maryland, USA

Late Breaking Results Paper Chairs
 Norbert Streitz, Smart Future Initiative, Germany
 Adrian Cheok, Keio University, Japan and National University Singapore

Landscape Chair
 Juan Carlos Augusto, University of Ulster, UK

Workshops Chairs
 Reiner Wichert, Fraunhofer IGD, Germany
 Kristof Van Laerhoven, TU Darmstadt, Germany
 Jean Gelissen, Philips Research, the Netherlands

Doctoral Colloquium Chairs
 Nathalia Romero, Delft University of Technology, the Netherlands
 Agnieszka Szóstek, Institute for Information Processing, Poland

Demos and Exhibitions Chairs
 Richard Kleihorst, VITO NV, Belgium and Ghent University, Belgium
 Vanessa Evers, University of Amsterdam, the Netherlands

Publications Chairs
 Gwenn Englebienne, University of Amsterdam, the Netherlands
 Marije Kanis, Amsterdam University of Applied Sciences, the Netherlands

Publicity Chair
 Albert Ali Salah, University of Amsterdam, the Netherlands