Call for Papers
Extended Deadline
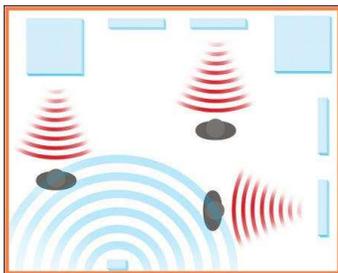
SEPS'07

2nd Workshop
Software Engineering of Pervasive Services

in conjunction with

IEEE ICPS 07

International Conference on Pervasive Services

July 15-20, Istanbul (Turkey)

Goals

The interest in pervasive computing is increasing steadily. While many requirements can be addressed with current technology, there are many open questions regarding design, development, as well as deployment of pervasive systems. The goal of this workshop is to bring together researchers from the areas of *pervasive computing* and *software engineering* to exchange ideas and to define new research directions based on experience and needs of both communities.

Topics

Potential topics include, but are not limited to:

- Frameworks and architectures for pervasive systems
- Software evolution in pervasive systems
- Multi-modal user interaction
- Adaptive and attentive user interfaces
- Adaptability versus anticipation
- Ontologies and ubiquitous interoperability
- Software ergonomics for pervasive services
- High-level sensor network management
- Context-awareness and context-representation
- Context-oriented programming

Organizing Committee

- Yamine Aït-Ameur, Université de Poitiers, France.
- Pascal Cherrier, France
  (contact organizer, `cherrierp@wanadoo.fr`)
- Andrés Fortier, Universidad Nacional de La Plata, Argentina and Universidad Politécnica de Valencia, Spain.
- Robert Hirschfeld, Hasso-Plattner-Institut, Potsdam, Germany
- Holger Mügge, University of Bonn, Germany

Call for Participation

Dates

Submission of papers and proposals for breakout groups:

Monday, the 16th of April.

Notification of acceptance:

Wednesday, the 2nd of May.

IEEExplore-ready version of accepted papers due on:

Monday, the 14th of May.

Submission Guidelines

Potential attendants are expected to submit either a position paper (2 - 3 pages) or a full paper (up to 10 pages) that presents a formal or experimental approach to software engineering for pervasive services.

Papers can either be based on results already achieved or else describe future work or even just wish lists of features that future approaches should provide but are either currently hard to achieve.

A good analysis of conflicting forces is at least as useful for potential participants of this workshop as descriptions of original new approaches.

Unless explicit mention from the authors, a submission implies that the authors give their authorization for publication. Final versions of accepted papers will have to be given to the organizers of the workshop in **IEEE two columns latex format** before the 20th of April.

Final versions of accepted papers shall be given to the participants on a CD, papers shall be electronically published in IEEExplore.

Submissions should be sent as IEEE two-columns PDF format by the on-line submission processus on [2].

Miscellaneous

ICPS 2007 Sponsors

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- IEEE Computer Society
- The University of Tucson Arizona
- Nokia
- IBM
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ICPS 2007 Supporting Institutions

- Distance Education Center, Istanbul Technical University
- Informatics Institute, Middle East Technical University

References

[1] SEPS06 website,
http://sam.iai.uni-bonn.de/seps2006/.

[2] SEPS07 website,
http://sam.iai.uni-bonn.de/seps2007/.