Call for papers

The Fourth International Conference on Pervasive Computing and Applications (ICPCA09)

Pervasive computing envisages a world of communicating miniature devices, sensors and actuators to provide ambient and personalised services. Building on the current technology, it is ready for a wide range of tools and applications that support and gradually change our everyday life. The goal of ICPCA09 is to further explore both theoretical and practical issues in pervasive computing. It also aims to foster the exchange of ideas and collaboration for both researchers and practitioners.

Following on the success of previous conferences in the series held in Urmqi, China (August 2006), Birmingham, UK (July 2007), and Alexandria, Egypt (October 2008), ICPCA09 features one generic technical track as well as six special interest tracks focusing on emerging and recent important research topics.

1. Topics

We invite papers focusing on the following aspects (not exclusive) of Pervasive Computing:

- Software infrastructure, middleware
- Mobile and Wearable Computing
- Wireless Networks and Communications
- The Semantic Web technologies
- Ubiquitous/Ambient Intelligence
- Cross-Media
- The Data Grid and Pervasive Computing
- Data and knowledge management
- HCI Technologies
- Socio-technical issues: security, trust, privacy
- Innovative applications and case studies

2. Special tracks

Pervasive Collaboration
Ubiquitous Learning
Smart Space
Ubiquitous Health Care
Application platform for Pervasive Computing
Environmental Monitoring & Emergency Response

ICPCA09 extends its interests in pervasive computing with six special tracks that are an integral part of ICPCA09 offering researchers in focused areas the forum for wide interaction and collaboration. Special track papers will be published as part of the ICPCA09 proceedings.

3. Important dates

Deadline for submission   1 May 2009
Notification of acceptance   15 July 2009
Camera-ready paper deadline 15 August 2009

4. Submission

All papers must be unpublished and should not be under simultaneous review for any other conferences. Papers must be formatted according to the IEEE conference proceedings. Research papers should be no more than six pages including references and illustrations. Position papers and system demos are also welcome. Electronic submissions in PDF or PS format are recommended.

All papers will be peer-reviewed by members of the ICPCA09 programme committee and selected reviewers. Accepted papers will be included in the IEEE Xplore digital library and are *EI* indexed. Authors of selected papers will be invited to submit a revised and expanded version of their papers to be considered for publication in special issues of well-known international journals.

5. Contacts

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