

International Workshop on Agent Technologies for Pervasive Communities

<http://aser.ornl.gov/events/atpc2008/index.htm>

In Conjunction with the Sixth IEEE International Conference on Pervasive Computing and Communications, Hong Kong, March 17-21, 2008

Agent-based ubiquitous and pervasive computing can benefit from joining the agent-based technology and the extensive usage of distributed functionality. It also brings together the research communities in computer science, artificial intelligence, and engineering. This one-day workshop on Agent Technologies for Pervasive Communities aims to gather input and feedback through the collection of the high-quality contributions that reflect and advance the state-of-the-art in agent-based ubiquitous and pervasive application systems. We invite submissions that address theoretical, technical, and practical issues of agent-based ubiquitous and pervasive computing. Topics of interest include, but are not limited to the following:

- context aware agents for pervasive applications
- agent based modelling and simulation of pervasive environment
- agent-oriented sensor networks and sensor fusion
- self-organization of multi-agent systems for pervasive applications
- pervasive, service-oriented multi-agent architectures
- methodologies for agent-based pervasive computing
- evaluation techniques and metrics for agent-based pervasive computing
- security issues for agent-based pervasive computing
- multi-agent collaboration for distributed problem solving
- agent-oriented software engineering for pervasive computing
- agent-based peer-to-peer services and information distribution for pervasive computing
- agent-based middleware design specification, validation, and verification of agent-based systems for pervasive computing

PAPER SUBMISSION GUIDELINES:

Submitted papers should be in the IEEE double-column format and should be no more than 5 pages in length. Research papers must be an original unpublished work and not under review elsewhere. Experience reports must be stated as such and a comprehensive discussion of the taken approach, experiences, and its assessment is expected. Papers selected for presentation will be published in the Workshop Proceedings of PerCom 2008 by IEEE Press. Papers should be submitted via the EasyChair ATPC2008 page:

<http://www.easychair.org/ATPC2008/>

IMPORTANT DATES

- Submission Deadline: ~~Sept. 30, 2007~~
- Notification of Acceptance: Nov. 26, 2007
- Camera-ready Papers Due: Dec. 21, 2007

PROGRAM CO-CHAIRS

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