

## PerCom 2007 Call for Demonstrations

IEEE PerCom 2007 will be the fifth annual conference on the emerging area of pervasive computing and communications aimed at providing an exciting platform and paradigm for *anywhere, anyhow* services. This emergence is a natural outcome of the tremendous advances in wireless networks, mobile computing, sensor networks, distributed computing, and agent technologies. PerCom 2007 will continue in the tradition of previous PerCom conferences by providing a world-class forum for researchers and engineers to present their leading edge work in the field of pervasive computing and communications.

Demo contributions are solicited in all areas of pervasive computing research and applications. Topics include, but are not limited to:

- Pervasive computing and communication architectures
- Smart devices and intelligent environments
- Wearable computers
- Middleware services and agent technologies
- Ad Hoc networks for pervasive communications
- Sensors and RFID in pervasive systems
- Positioning and tracking technologies
- Virtual immersive communications
- Enabling technologies (e.g. wireless BAN, PAN)
- Mobile/Wireless computing systems and services in pervasive computing
- Context aware computing
- Autonomic computing and communications
- Programming paradigms for pervasive systems
- User interfaces and interaction models
- Trust, security and privacy issues in pervasive systems

### Proposals for Demonstrations

The demonstration session will follow the successful and well received demonstration session of previous PerCom events. This year we are pleased to announce that demonstrations will be presented at the IBM T.J. Watson Research Center with complementary bus service from the conference hotel. The number of demos presented will be kept low in order to allow the full attention of the conference participants.

Proposals should clearly state what the demonstrator will show. Demonstrations should either show how pervasive computing applications can be realized with today's emerging technologies or focus on one research aspect which is integrated into a demonstration. A brief but comprehensive and *detailed* description of the demonstration should address the kind of

demonstration (e.g., video or prototype presentation), the required technical equipment (e.g. wireless LAN, is an AC outlet necessary w/ground), a description of the demo presentation (e.g. are visitors involved, space required), is a prototype presented that can be used by visitors, etc. The proposal should place special emphasis on the key contribution; i.e., what will visitors to the demo remember most or have learned afterwards. A good demonstration stimulates discussions and provides insights. Demonstration proposals should address these issues in 1 page, two column format with 10pt body text font. Additionally, the proposal should provide a short bio of the key person submitting the proposal. We also recommend submitting a link to the website of the project and/or organization. A poster presentation summarizing the demo will be requested of accepted proposals.

Proposals should be sent via email (with Subject: "PerCom 2007 Demo Submission") as PDF files to the demonstration chair listed below who will use a non-blind review process to consider all submissions.

- John Davis, IBM T.J. Watson Research Center, [davisjs@us.ibm.com](mailto:davisjs@us.ibm.com)

### Important Dates

- Submission of Proposal: Dec. 15, 2006
- Notification of Acceptance: Jan. 19, 2007

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