

PerCom 2003



IEEE International Conference on
Pervasive Computing and Communications, Dallas - Fort Worth, Texas, March 23-26, 2003

<http://www.PerCom.org>

Conference Announcement and Preliminary Call for Papers

Sponsored by IEEE Computer Society Conference

Conference Scope:

Pervasive computing and communications is emerging as an exciting new paradigm with a goal to provide computing and communication services all the time everywhere. This is a natural outcome of research and technological advances in wireless networks, mobile computing, distributed computing and agent technologies. PerCom is the annual IEEE conference on pervasive computing and communications. PerCom2003 will provide a high profile, leading edge forum for researchers and engineers alike to present their latest advances in the field of pervasive computing and communications. PerCom2003 will also feature two special tracks on intelligent environments and mobile agents.

Feature Topics:

Contributions are solicited in all pervasive computing research and applied areas. These include, but are not limited to the following feature topics:

- Pervasive computing architectures
- Intelligent environments
- Wearable computers
- Smart devices and smart spaces
- Location-dependent / personalized applications
- Service discovery mechanisms
- Agent technologies
- Sensors and actuators
- Positioning and tracking technologies
- Identification and authentication technologies
- Integration of wired and wireless networks
- Personal area networks
- Enabling technologies such as Bluetooth, 802.11 and 802.15
- Software coordination models
- Mobile / wireless computing systems and services
- Context based and implicit computing
- Speech processing / advanced computer vision
- User interfaces and interaction models
- Wireless/mobile service management and delivery
- Ad hoc networking protocols and service discovery
- Operating systems for pervasive computing platforms
- Security and privacy issues for pervasive computing systems

Submission Guidelines:

Papers must be unpublished and must not be submitted for publication elsewhere. Authors are encouraged to submit papers in electronic form, postscript or PDF only. The page limit for submissions is 15 pages (1.5 line spaced, excluding references, figures and tables). More details on submission procedures will be posted on the official PerCom website: <http://www.percom.org>. All submitted papers will undergo a rigorous review process managed by the technical program committee. Accepted papers will be published in the (IEEE) conference proceedings. Papers of particular merit will be considered for publication in a special issue of a leading journal.

Important Dates / Deadlines:

Paper Submissions: **October 1, 2002**
Tutorial proposal submissions **October 1, 2002**

Acceptance Notification: **December 10, 2002**
Camera Ready Manuscripts: **January 10, 2003**

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