



PERCOM 2005



Third Annual IEEE International Conference on
Pervasive Computing and Communications
Hawaii, March 8-12 (Tentative) 2005
<http://www.PerCom.org>

Sponsors: IEEE Computer Society, IEEE and The University of Texas at Arlington
CoSponsors: IEEE TCCC, IEEE TCPP, and IEEE TCDP

Preliminary Call for Papers

IEEE PerCom 2005 will be the third annual conference on the emerging area of pervasive computing and communications aimed at providing an exciting platform and paradigm for *all the time, everywhere* services. This emergence is a natural outcome of the tremendous advances in wireless networks, mobile computing, sensor networks, distributed computing, and agent technologies. PerCom 2005 will provide a high profile, leading edge forum for researchers and engineers alike to present their latest research in the field of pervasive computing and communications.

Topics:

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

- Pervasive computing architectures
- Intelligent environments
- Wearable computers
- Smart devices and smart spaces
- Service discovery mechanisms
- Middleware services and Agent technologies
- Sensors and actuators
- Positioning and tracking technologies
- Integration of wired and wireless networks
- Personal area networks
- 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
- Resource management in pervasive computing platforms
- Security and privacy issues of pervasive computing systems

Submission Guidelines:

Submitted papers must be unpublished and not considered elsewhere for publication. Only electronic submissions in PDF will be considered. Page limit is 12 pages (single column, 11 pt fonts and 1.5 line spaced, excluding references, figures and tables). Detailed procedure is available at <http://www.percom.org>. All submitted papers will undergo a rigorous review process managed by the technical program committee. IEEE Press will publish the conference proceedings. Papers of particular merit will be considered for a special issue of a reputed journal. Contact PC Chair, Klara Nahrstedt (klara@ad.uiuc.edu) for details.

Important Deadlines:

Paper Submission:	September 1, 2004	Acceptance Notification:	November 22, 2004
Workshop Proposals:	May 15, 2004	Camera Ready Manuscripts:	January 04, 2005
Demonstration Proposal:	October 31, 2004	Conference Dates:	March 8-12, 2005

Organizing Committee:

General Chair: Mohan Kumar

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