

Call for Papers

The Seventh Annual IEEE International Conference on Pervasive Computing and Communications

PerCom 2009

March 9 – 13, 2009, Galveston, Texas
<http://www.percom.org/>

IEEE PerCom, now in its seventh year, is the premier scholarly venue in the areas of pervasive computing and communications, which aim at providing a ubiquitous platform for supporting exciting anytime and anyplace services paradigms. Pervasive computing and communications is a natural outcome of the tremendous advances of a broad spectrum of technologies including wireless and sensor networks, mobile and distributed computing, and agent technologies. PerCom 2009 will provide a high profile, leading edge forum for researchers and engineers alike to present state-of-the-art research in the respective fields of pervasive computing and communications. The conference will feature a diverse mixture of presentation forums including core technical sessions, several targeted workshops, demonstrations, keynote speeches and panel discussions from domain experts.

The conference will take place in Galveston, Texas.

Topics: Research contributions are solicited in all areas pertinent to pervasive computing and communications, including:

- Ad hoc networks for pervasive communications
- Autonomic computing and communications
- Context-aware computing
- Enabling technologies (e.g., wireless BAN, PAN)
- Low power and green pervasive computing
- Middleware services and agent technologies
- Mobile/Wireless computing systems and services in pervasive computing
- Novel/innovative pervasive computing applications
- Pervasive computing and communication architectures
- Pervasive computing in the automotive domain
- Pervasive opportunistic communications and applications
- Pervasive sensing, perception and semantic interpretation
- Positioning and tracking technologies
- Programming paradigms for pervasive systems
- Quality of information (QoI) in sensor-enabled pervasive environments
- Sensors and RFID in pervasive systems
- Smart devices and intelligent environments
- Trust, security and privacy issues in pervasive systems
- User interfaces and interaction models
- Virtual immersive communications
- Wearable computers

Workshops and affiliated events:

Many workshops will be held in conjunction with the conference. Workshop papers will be included and indexed in the IEEE digital libraries (Xplore), showing their affiliation with IEEE PerCom. As in the past, PerCom 2009 will also feature a PhD Forum, Demonstrations and a Work-in-Progress Session. Please check the conference website frequently for more details.

Submission Guidelines:

Submitted papers must be unpublished and not considered elsewhere for publication. Papers must show a significant relevance to pervasive computing and networking. Only electronic submissions (PS or PDF) will be considered. The page limit is 9 pages (at least 10pt font, 2-column pages, including references, figures and tables); link to formatting templates can be found at: <http://www.percom.org/submissionguidelines.html>. All submitted papers will undergo a rigorous review process managed by the technical program committee. IEEE Press will publish the conference proceedings. The best paper will receive the prestigious Mark Weiser best paper award. Papers of particular merit will be considered for a special issue of Pervasive and Mobile Computing Journal.

Organizing Committee:

General Chair: Klara Nahrstedt, University of Illinois at Urbana-Champaign, USA
General Vice-chair: Gergely Záruba, The University of Texas at Arlington, USA
Program Chair: Chatschik Bisdikian, IBM TJ Watson Research Center, USA
Program Vice-chairs: Silvia Giordano, SUSPI, Switzerland
Chandra Narayanaswami, IBM TJ Watson Research Center, USA
Albrecht Schmidt, University of Duisburg-Essen, Germany
Workshops Co-chairs: Ben Lee, Oregon State University, USA
Hao Chu, National Taiwan University
Panels Chair: Christian Becker, Universität Mannheim, Germany
Steering Committee Chair: Mohan Kumar, The University of Texas at Arlington, USA

Important Dates:

Paper Registration: Sept. 15, 2008 (**firm deadline**) Author notification: Dec. 12th, 2008,
Paper submission: Sept. 22nd, 2008 (**firm deadline**) Camera-ready due: Jan. 7th, 2009

Sponsors:



IEEE Computer Society (TCPP),



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For Further Information, Please Contact: zaruba@uta.edu or visit <http://www.percom.org>