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CALL FOR PAPERS

International Workshop on Wireless and Sensor Networks (WSNET-05)

<http://spider.eng.auburn.edu/WSNET05/>

Oslo, Norway, June 14-17, 2005

in conjunction with

The 2005 International Conference on
Parallel Processing (ICPP-05)

Scope and Interests

Wireless networks have experienced an explosive growth during the last few years. The development of cellular and wireless local area networks gradually makes the notion of ubiquitous computing a reality. As one of the most advanced applications of wireless networks, sensor networks share a similar definition, but put more stringent resource conditions at each node. Researchers in the field are kept challenged to design better architectures and protocols, and apply them to industrial, consumer, medical, and military needs.

This workshop intends to bring together leading researchers and practitioners to identify the fundamental challenges and future prospects of wireless networks, especially cellular networks, local and metropolitan networks, and sensor networks.

Technical topics include but are definitely not limited to the following:

Wireless Local and Metropolitan Area Networks
Wireless Sensor Networks
IEEE 802.11 and IEEE 802.16
Bluetooth, ZigBee and UWB
Network Planning and Deployment
Performance Evaluation and Analysis
Roaming and Interoperability
Resource Management
Multiple Access Schemes
Scalability and Capacity

Power-aware Protocols
Routing, Broadcasting and Multicasting
Topology Control
Middleware for Wireless or Sensor Networks
Localization and Synchronization
Location-based Services
Mobile Security and Device Security
Mobile Agents
Industrial Applications
Case Studies

Paper Submission

Authors should send one copy of their paper in either PDF or PS format, with maximum 10 pages (including figures, tables, and references) and minimum 10-pt font via email (sunmint@eng.auburn.edu). Each page must be numbered. An abstract, 5 to 10 keywords, the technical area(s) most relevant to the paper, and the corresponding author's email address must also be included. All submitted papers will be peer-reviewed.

Submission Deadline

Author Notification
Final Manuscript Due

February 7, 2005

April 15, 2005
May 28, 2005

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