

CALL FOR PAPERS

WONS 2008

The Fifth Annual Conference on
Wireless On demand Network Systems and Services

January 23-25, 2008

Garmisch-Partenkirchen, Germany

<http://tm.uka.de/wons2008>



Important Dates:

Extended Paper Submission Deadline:
October 19, 2007

Notification of Acceptance:
November 16, 2007

Camera-Ready Deadline:
December 7, 2007

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With the increasing variety of wireless technologies, ubiquitous connectivity and service provisioning more and more complements traditional, infrastructure-based cellular networks. WLANs, WiMax, Mobile Ad-hoc networks as well as vehicular networks and sensor networks are popular examples. The goal is to provide services “on demand” with minimal planning and management effort as well as with little dependency on existing network infrastructures.

On-demand provisioning of services in such infrastructure-less environments is a challenge in itself. Methods for self-organisation are strongly required to enable this vision. Other challenges are posed by the architectures suited for different networks and applications (e.g., specialized architectures for sensor networks) also raising issues with respect to interoperability.

WONS is now at its fifth edition and is still confronted with new technical challenges and new application demands. As such it provides a premier forum for high quality paper presentations and lively discussions.

For this conference we request submissions of high quality research papers on “wireless on demand networks” that provide novel insights on protocol and network design, modeling and performance evaluation, pricing and profitability models, QoS models, practical implementations, service level aspects and Internet integration of wireless networks.

Topics related to wireless ad hoc networks, mesh networks, vehicular networks and sensor networks comprise, but are not limited to:

- Architecture and Design
- Security
- Analysis through simulation and experimental evaluation
- Energy-efficient protocols and power management
- Modeling
- Applications and Service Support
- Internet integration
- Data dissemination and Peer-to-Peer systems
- Social and economic aspects
- Middleware aspects
- Pervasive / ubiquitous computing
- Self-X and network management
- Localization and mobility management

Paper Submission Instructions

Submitted papers must not have been published elsewhere nor currently be under review by another conference or journal. Authors are invited to submit double-column full (8 pages) and short papers (4 pages) in PDF format having a font size no smaller than 10pt. Short papers should present future research directions, ongoing work, visionary, innovative ideas. Further submission instructions will be published on the conference web site.