

WWIC 2008

Final Call for Papers

May 28-30, 2008
Tampere, Finland



WWIC 2008 – the 6th International Conference on Wired / Wireless Internet Communications

Next generation mobile networks will be based on Internet core networks and wireless access networks. The need for efficient merging of the wired and wireless infrastructure as well as the new multimedia services and applications of next generation networks call for novel network architectures, protocols and traffic-related mechanisms. WWIC addresses research topics such as the design and evaluation of protocols, the dynamics of the integration, the performance tradeoffs, the need for new performance metrics, and cross-layer interactions.

The goal of the conference is to present high-quality results in the field, and to provide a framework for research collaboration through focused discussions that will designate future research efforts and directions. In this context, the program committee will accept only a limited number of papers that meet the criteria of originality, presentation quality and topic relevance. WWIC is a single-track conference which has reached, within 5 years, the highest level of quality, which is reflected both in the level of participation as well as the acceptance ratio and the amount and quality of submitted papers.

Conference topics:

The conference objectives will be pursued through highly technical sessions organized thematically and keynote talks offered by recognized experts. Topics of interest to WWIC 2008 include (but are not limited to) the following:

AAA in mobile environments
Ambient networks
Ad-hoc mobile networks
Blended network configurations
Beyond 3G networks technologies
Cross layer interactions
Economical issues of wireless networks
End-to-end Quality of Service support
Handover techniques
Heterogeneous wireless access networks
Hybrid wired / wireless environments

Integration of wired and wireless networks
Mobile service level agreements / specification
Mobility management
Network design and network planning
Network mobility
Network coding in mobile networks
Network security in mobile environments
Performance evaluation of wireless systems
Pricing, charging and accounting in wireless networks
QoS routing in mobile networks
QoS signalling in mobile environments

Resource management and admission control
Service creation and management for wireless
Simulation for next generation mobile networks
Traffic characterisation and modelling
Traffic engineering
Transport protocols and congestion control
Wireless mesh networks
Wireless multi-hop networks
Wireless multimedia systems
Wireless network monitoring
Wireless sensor networks

Proceedings:

The authors are encouraged to submit full papers describing original, previously unpublished, complete research, not currently under review by another conference or journal, addressing state-of-the-art research and development in all areas of computer networking and data communications.

All papers will be reviewed and accepted papers will appear in the conference proceedings, published by Springer-Verlag in the LNCS series. Papers must be submitted electronically in the conference site. The maximum size of papers should be 5000 words including tables and figures. Please adhere to the formatting standard for a 12-page manuscript of Springer-Verlag LNCS. The cover page must contain an abstract of about 150 words, 3-5 keywords, name and affiliation of author(s) as well as the corresponding author's e-mail and postal address.

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Important dates:

Submission deadline: January 4, 2008

Notification of acceptance: February 28, 2008

Camera ready papers: March 12, 2008

For more information please see the conference site wwic2008.cs.tut.fi or contact the Conference Secretariat at wwic2008@cs.tut.fi

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