

Eighth International Conference on Wired/Wireless Internet Communications  
June 1 - 3, 2010. Luleå, Sweden.

# WWIC 2010

**8th International Conference on Wired/Wireless Internet Communications (WWIC)**  
**June 1-3, 2010, Lulea, Sweden**  
<http://www.ltu.se/wwic2010>

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

- 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.

There will be a Best Paper Award.

### IMPORTANT DATES (INDICATIVE)

Full Paper Submission: January 31, 2010  
Author Notification: February 28, 2010  
Camera-ready: March 15, 2010

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