



IEEE 4th International Symposium on Wireless Communication Systems 2007 (ISWCS'07) 17-19 October 2007, Trondheim, Norway

Conference General Chair:

Yuming Jiang, NTNU, Norway

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Pål Orten, Nera Networks AS, Norway

Publication Chair:

Yan Zhang, Simula Research Laboratory, Norway

Local Arrangement Chairs:

Steinar Andresen, NTNU, Norway
Harald Øverby, NTNU, Norway

Submission Guidelines

Both extended abstracts and full papers are welcome. For extended abstracts, the length should not be longer than 2 pages, and for full papers, not more than 5 pages (in IEEE two-column format, 10pt). Papers must be submitted electronically via TrackChair (<http://iswcs2007.trackchair.com/>). All papers will be peer-reviewed for their quality, correctness, originality, and relevance. Accepted papers will appear in the conference proceedings published by the IEEE and will be included in IEEE Xplore. Authors of selected papers will be invited to submit their extended versions for inclusion in a planned special journal issue.

Proposals for tutorial are also being solicited and should be sent to the Tutorial Chair (pal.orten@research.nera.no), together with a one page summary and the presenter's biography.

Important Dates

Submission:	02 May 2007
Acceptance:	02 July 2007
Author registration:	03 Aug. 2007
Camera-ready paper:	03 Aug. 2007
Tutorial proposal:	02 May 2007
Tutorials:	16 Oct. 2007
Conference:	17-19 Oct. 2007

Call for Papers

Wireless communications is at the centre of a new and passionate era of telecommunications. The *IEEE International Symposium on Wireless Communication Systems (ISWCS)* positions itself as a recognised and dynamic forum for researchers and technologists to present and discuss original ideas in all fields related to wireless communication systems.

In 2007, the ISWCS will be held in Trondheim, Norway. The event follows the successful ISWCS'04 in Mauritius, ISWCS'05 in Siena, and ISWCS'06 in Valencia. The ISWCS'07 is sponsored by the IEEE Vehicular Technology Society (VTS), and technically co-sponsored by the IEEE Communications Society (ComSoc) and the Nordic Radio Association (NRS). In addition, the ISWCS'07 is supported by the Norwegian University of Science and Technology (NTNU) and the Simula Research Laboratory, Norway.

Topics of interest include, but are not limited to:

- 3G, 4G and beyond systems
- Antenna and RF subsystems
- Coding, modulation & equalization
- Convergence of wireless systems
- Cross-layer design & optimisation
- Audio / video on wireless networks
- Experimental systems & field trials
- Fixed and nomadic wireless access
- Generic access networks (GANs)
- Heterogeneous wireless networks
- Intelligent transportation systems
- Location and positioning
- MIMO
- Mobility management
- Modelling, analysis and simulation
- QoS in wireless networks / systems
- Radio interfaces and technologies
- Radio resource management
- Relaying and user cooperation
- RFID
- Satellite & high altitude systems
- Security/privacy in wireless systems
- Service and middleware platforms
- DSP for wireless systems
- Software radio / cognitive radio
- Space-time coding and diversity
- Spectrum sharing and coexistence
- Traffic control and engineering
- UWB
- Wireless access techniques
- Wireless ad-hoc networks
- Wireless networks and systems
- Wireless comm. & net. in ITS
- Wireless / Mobile Internet
- Wireless LANs and PANs
- Wireless mesh networks
- Wireless network architectures
- Wireless net. information theory
- Wireless prop. & channel modelling
- Wireless switching and routing
- Wireless sensor networks
- Wireless services and applications

Conference Web and Contact

Website: <http://www.iswcs.org/iswcs2007/>
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