



Call for Papers

Journal of Communications Software and Systems (*JCOMSS*)

Special issue on

QoS IN WIRELESS NETWORKS

The challenge of new communication architectures is to offer QoS in Internet networks. QoS aspects in NGN (Next Generation Networks) is an important topic especially in wireless networks (cellular networks, mobile networks, data transmission networks and satellites networks). Voice and video multimedia wireless applications will be developed and used when real QoS mechanisms will be available.

High-quality, original, unpublished contributions will be considered for the issue. Authors wishing to submit papers should send an electronic version (PDF or postscript file only) with a separate cover letter which contains the paper title, authors with affiliations, and up to 200 words abstract, to one of the Guest Editors:

Pascal Lorenz, *University of Haute Alsace, Colmar, France* (lorenz@ieee.org)

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Topics include but are not limited to the following:

- Mobile Cellular Systems
- 3G/4G Wireless Technologies
- Broadband Wireless Access
- Wireless Local Area Networks
- Software Radio
- Ultra-Wide Band Radio
- Propagation and Channel Modeling
- Satellite Communications
- Wireless Communications Standards
- Architectures of Base Station & Core
- Network Systems for UMTS, CDMA2000, GPRS
- Mobile IP
- Wireless Multimedia Services
- Traffic Management in Wireless networks
- Ad-Hoc Wireless Networks
- Ambient Networks
- Mobility Management
- Handoff Techniques
- QoS and Performance of Wireless Networks
- TCP Performance in Wireless Networks
- Security Issues in Wireless Networks
- QoS and Performance Evaluation

Note: An earlier notification of intent to submit proposal would be appreciated.

IMPORTANT DATES

Submission deadline	February 1, 2006
Notification of acceptance	May 1, 2006
Final manuscript due	June 1, 2006
Special issue published	June 2006

JCOMSS is a high-quality quarterly archival journal, published by the Croatian Communications and Information Society (CCIS), the Sister Society of the IEEE ComSoc, in cooperation with University of Split. JCOMSS focuses on high-quality, internationally reviewed papers, that advance the state-of-art and applications in communications software engineering and communications systems particularly including new techniques, reports on experiments with analysis of performances, and prototypes. The subjects covered by this journal include all aspects in communications software and systems in wired and wireless communications and multimedia technologies.

More information about the JCOMSS including details on the submission process and authors kit is available on the website:

<http://www.ccis.hr/jcomss>