



Call for Papers

Journal of Communication Software and Systems (*JCOMSS*)

Special issue on

Medical Applications for Wireless Sensor Networks

Wireless sensor networks (WSNs) play an important role in medical diagnosis and patient monitoring. New wireless sensors and medical devices continue to be developed to create safer health care environments. The rapid growth of using such devices and technologies in medical fields has created new opportunities and applications. However, enormous challenges still remain to be resolved in order to develop flexible, reliable, secure, and power-efficient networks suitable for medical needs.

High-quality, original, unpublished contributions will be considered for the issue.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 containing the paper title, authors with affiliations, and up to 200 words abstract, to one of the Guest Editors.

Guest Editors:

Joel Rodrigues, University of Beira Interior, Portugal (joeljr@ieee.org)

Farid Farahmand, Central Connecticut State University, USA (farahmandfar@ccsu.edu)

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

Topics include, but not limited to, the following:

- *Biomedical Sensors and Systems*
- *Biotelemetry*
- *Biosurveillance Systems and Applications*
- *Body Sensor Networks*
- *Clinical Biofeedback*
- *Communications Protocols and Architectures*
- *e-Health*
- *Embedded Computing Systems*
- *Medical Signal Acquisition, Analysis and Processing*
- *MicroElectricoMechanical Systems (MEMS)*
- *Mobile Applications*
- *Modeling and Simulation*
- *Performance Evaluation*
- *Real-time Systems*
- *Security and Privacy*
- *Telemedicine*
- *Weareable Sensors and Systems*
- *Wireless Sensor Networks*

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

IMPORTANT DATES

Submission deadline	June 1, 2008
Notification of acceptance	August 1, 2008
Final manuscript due	September 1, 2008
Special issue published	December 2008

JCOMSS is a high-quality quarterly archival journal, published by the Croatian Communication 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>