

Special Issue on Wireless Telemedicine and Applications

Call for Papers

Wireless telemedicine, a growing new interdisciplinary field, calls for innovation in information and communications technology for facilitating reliable, comprehensive, and quality clinical care service at a distance. It will eventually contribute to improving the quality of healthcare of everyone. Though advances in wireless communications and networking are vital to deliver telemedicine services, they also face great challenges, for example the failure delivery of a service may end up with loss of human lives. This is the motivation behind this special issue.

This special issue focuses on the novel and practical ways, but solid contributions, to improve wireless telemedicine and applications. Papers that do not focus on wireless telemedicine and applications will not be reviewed. Specific interests are (but not limited to) in the following areas:

- Network architectures for wireless telemedicine
- Mobile service platform for continuity of healthcare
- Complexity of wireless telemedicine systems
- New sensor and medical RFID technologies
- Network privacy and security in healthcare
- Wireless network research issues to support healthcare
- Wireless telemedicine applications
- Electromagnetic interference issues
- Signal processing techniques in wireless telemedicine systems

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Manuscript Due	June 1, 2007
First Round of Reviews	September 1, 2007
Publication Date	December 1, 2007

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