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Special Issue on

mHealth

Emerging Mobile Technologies for Health Applications

The increased availability, miniaturization, performance and communication bandwidth of mobile technology will probably have a
great impact on the future of health care delivery routes especially the ones that are adapted to such technological advances. In
general mHealth is concerned with the development, dissemination and use of mobile information and telecommunication
technologies in healthcare. In recent years the field of mHealth is considered one of the fastest growing areas within the health sector.
The convergence of information and telecommunication infrastructures around mobile health systems is fostering a diversity of cost-
effective technologies, which will have a powerful impact on the way different healthcare organizations deliver healthcare to their
patients.

The integration of emerging mobile technologies into mHealth applications for enhanced utilization of clinically efficient and cost
effective mobile health care delivery systems needs to be evaluated in a systematic way within the next generation of telemedicine
systems. The purpose of this special issue is to assemble original and innovative contributions in the area of mobile technologies for
mHealth systems. Authors are particularly invited to submit paper contributions including (but not limited to) the following topics:

- mHealth applications
- Mobile communication technologies for healthcare networks
- 2.5G/3G mobile systems and ad-hoc networks
- mHealth internetworking and integrating mHealth
- PAN and PN in healthcare networks
- Sensors and signal processing for mHealth applications
- Web-based mobile medical systems
- Space telemedicine and satellite applications
- Emerging engineering issues of mHealth applications and mobile health care provision
- Customization and seamless integration
- Standardization, regulation, and legal issues, including security and privacy

GUEST EDITORS:

Dr. Robert S. H. Istepanian
Director - Mobile Information and Network
Technologies Research Centre (MINT)
School of Computing and Information Systems
Kingston University
Penrhyn Road
Kingston upon Thames, London
KT2 6EE UK
United Kingdom
Tel: +44 (0) 20 547 7567
Fax: +44 (0) 20 8547 7971
E-Mail: r.istepanian@kingston.ac.uk

Dr. Emil Jovanov
The University of Alabama in Huntsville
213 EB
Huntsville, AL 35899
USA
Tel: +1 (256) 824 5094
Fax: +1 (256) 824 6803
E-Mail: jovanov@ebs330.eb.uah.edu

Yuan-ting Zhang, Ph.D.
Professor and Director
Joint Research Center for Biomedical Engineering
c/o Dept. of Electronic Engineering
The Chinese University of Hong Kong
Shatin, NT
Hong Kong
Tel: +852 2609-8459
Fax: +852 2603-5558
E-Mail: ytzhang@ee.cuhk.edu.hk

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For any further question, please contact the Guest Editors or the Editor-in-Chief at:

Dr. Niilo Saranummi, Research Professor
VTT Information Technology, Human Interaction Technologies
P.O.Box 1206 (Sinitaival 6), FIN-33101 Tampere, FINLAND
tel: +358-3-316 3300
tax: +358-3-316 3380
E-Mail: niilo.saranummi@vtt.fi