Special Issue on Wearable Computing for Health Care

In recent years, wearable computing has been proliferating at a rapid pace and has enabled a wide range of applications such as mobile communication, sensory integration, behavioral modeling and health care monitoring, etc. Many challenges need to be addressed to enable the integration of multiple sensing/communication technologies for various applications with low energy consumption and low transmission rate. A key design requirement for future wearable health care services is to be able to provide prompt, reliable, secure ubiquitous access to health care services to users and health care providers anytime, anywhere. This special issue will explore recent advances in designing, implementing, and deploying novel protocols, architectures, and applications in wearable computing for health care. We seek original completed and unpublished work not currently under review by any other journal/magazine or conferences/workshops. Topics of interest include (but are not limited to):

- Wearable communications for health care
- Health care architectures, systems, and services for wearable computing
- Data processing in wearable health care services
- Robust and fault-tolerance communications
- QoE/QoS and Context-aware health care design
- Energy efficiency, performance analysis, modeling, optimization
- Standardization, policy, and regulations of wearable computing for health care
- Emerging applications and services of wearable computing for health care
- Security, trust, and privacy management

SUBMISSIONS

Prospective authors should follow the Journal of Medical System submission guidelines available at http://www.springer.com/statistics/life+sciences%2C+medicine+%26+health/journal/10916?detailsPage=ptci_1614807. Authors should submit their manuscripts via the Journal of Medical Systems’ manuscript central, choosing "Wearable Computing for Health Care" from the drop-down menu on the submission page.

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GUEST EDITORS

Han-Chieh Chao (National Ilan University, Taiwan)  hcc@niu.edu.tw
Sherali Zeadally (University of Kentucky, USA)  szeadally@uky.edu
Bin Hu (Lanzhou University, China)  bh@lzu.edu.cn