

# Healthcare Technology Letters

**Special Issue: mHealth – Emerging Mobile Health Systems and Services**

**Improving patient quality of life underpins the vision of future healthcare delivery systems. The mHealth concept aims to achieve this via ubiquitous access to healthcare services (anywhere, anytime, any-device), facilitating continuous monitoring and timely interventions, while reducing associated costs and removing socioeconomic barriers to access in specialised healthcare.**

Empowering personalised healthcare on the move, building on the concept of smart homes (including exergaming) and cities, while transforming the wealth of new healthcare big data into tangible clinical knowledge for enhanced healthcare provision, is the cornerstone of the next generation of mobile health systems and services.

Embracing the dynamics of emerging 4G wireless networks and beyond (towards 5G), miniaturized biosensors and nano-technologies, mobile and pervasive computing including internet of things (IoT), and cloud computing technologies, this special issue welcomes new mHealth concepts, architectures, and paradigms, as well as proof-of-concept and pilot studies, and standardisation efforts that are expected to reshape standard clinical practice in the next few decades.

## Special Issue Scope

This Special Issue aims to include experiences and technological and scientific developments stemming from recent advances in:

- Big Data Analytics in Healthcare
- Biomedical Signal, Image, and Video Processing for mHealth Applications
- Body and Personal Area Networks for Personalized Medicine
- Cloud Computing in Healthcare
- Communication Technologies for mHealth Systems and Services
- Emergency Health Care Systems and Services
- Mobile and Pervasive Computing in Healthcare
- Remote Diagnosis and Care and Telemedicine
- Security and Privacy Issues in eHealth Systems and Services
- Serious Games and Exergaming
- Smart Homes for Assisted Living, Active Ageing, and Rehabilitation
- Smart mHealth Applications for Health Professionals
- Tele-operated Robotics Systems and Services



**Submission deadline: 1<sup>st</sup> April 2016**

See overleaf for details ►

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## Healthcare Technology Letters Editorial Board

Editor-in-Chief, **Professor Christopher James** is Professor of Biomedical Engineering, University of Warwick, UK. He is supported by an international editorial board of respected healthcare technology researchers.

This Special Issue will be guest edited by:

- **Prof. Constantinos Pattichis**, University of Cyprus, Cyprus
- **Dr. Andreas Panayides**, Communication and Signal Processing Group, Imperial College, UK
- **Prof. Efthymoulos Kyriacou**, Computer Science and Engineering, Frederick University, Cyprus
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Submitted articles should not have been previously published or be currently under review by other journals or conferences/symposia/workshops. Papers previously published as part of conference/workshop proceedings can be considered for publication in the special issue provided that they are modified to contain at least 40% new content and no passages of text are identical. Authors of such submissions must clearly indicate how the journal version of their paper has been extended in a separate letter to the editorial office at the time of submission.

Moreover, authors must acknowledge their previous paper in the manuscript and resolve any potential copyright issues prior to submission.

Papers should be a maximum of 6 pages and formatted according to the *Healthcare Technology Letters* Author Guide, found at <http://digital-library.theiet.org/journals/htl/author-guide>. Submissions should be marked as being for the Healthcare Technologies Decision Support Special Issue. All submissions are subject to the journal's peer-review procedures.

## Important dates

Submission deadline:

**1<sup>st</sup> April 2016**

Final manuscripts:

**15<sup>th</sup> July 2016**

Publication:

**September 2016**

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