

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: 1st April 2016

See overleaf for details ►

To find out more or to submit a paper, visit www.ietdl.org/HTL

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This Special Issue will be guest edited by:

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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:

1st April 2016

Final manuscripts:

15th July 2016

Publication:

September 2016

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