

Special Issue Call for Papers

Journal of Medical Systems (ISSN: 0148-5598)
Special Issue on U-Healthcare Technology and Service



Introduction

As the various devices with sophisticated and advanced computing and networking capacities, which are now prevailed in the part of our lives, mobile internet device, smartphone, portable media player with wifi and various gadgets, we are seeking the possibilities of the novel types of healthcare by utilizing these devices not only in indoors, but in a wider range of places and times regardless of physical limitations. UC(Ubiquitous Computing environment), which is the open environment, senses and reasons user's context and then provides optimum IT service. To provide user-centered autonomous service, which is not static, but dynamic, there exists need for change in paradigm. To this end, enhancement in the welfare for future requires the change of the current healthcare system. For daily care level, special kinds of methods and technologies that we can be applied into our daily life are imperative. In this point, this special issue would provide an excellent opportunity for researchers and industry representatives as well as decision makers to review and discuss the state-of-art and trends of u-Healthcare and related convergence between oriental medicine and modern medical science. We would like to send a particular welcome to those of you who might be new to the u-Healthcare area. This special issue would offer a wonderful opportunity to understand the problems and exchange ideas about various researches.

Topics

Papers on practical as well as on theoretical topics and problems are invited. Topics include (but are not limited to):

- Ad hoc wireless networks for enhanced monitor in UC
- Real-time transmission of multiple medical data in UC
- Healthcare and telemedicine in UC
- Secure and high quality networks in UC
- Remote diagnosis and patient management in UC
- Accuracy and reliability of diagnose in UCs
- Home and rural environments in UC
- Identity and privacy enhancing technologies in UC
- Mobile data management and processing in UC
- Wireless and wearable devices for pervasive healthcare in UC
- Mobile and wireless technologies for healthcare delivery in UC
- Sensor networks for pervasive healthcare in UC
- Patient monitoring in diverse environments in UC
- Convergence between oriental medicine and modern medical science in UC

Submissions Guidelines

All submissions should be made through Manuscript Central, following the guidelines below:

1. Page Limitation

Page limitation is 7~10 pages.

2. Registering on Manuscript Central

If you have not yet registered on Manuscript Central, please follow the instructions below:

- Please log on to: <https://www.editorialmanager.com/joms/>
- Click on 'Register Now'
- Follow the on-screen instructions, filling in the requested details before proceeding

3. Submitting an article to the Journal of Medical Systems on Manuscript Central

- Please log on to JOMS at <https://www.editorialmanager.com/joms/> with your username and password.
- Click on the submit a manuscript link which will take you through to the Manuscript Submission page
- Complete all fields and browse to upload your article to the Special Issue: “uHealthcare”

Guest Editors

Prof. Nazim Agoulmine

University of Evry Val d'Essonne, France
nazim.agoulmine@iup.univ-evry.fr

Prof. Ketan Mane

University of North Carolina, USA
kmane@renci.org

Prof. Naveen Chilamkurti

La Trobe University, Australia
N.Chilamkurti@latrobe.edu.au

Hangbae Chang

Daejin University, Korea
hbchang@daejin.ac.kr

Important Dates

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Acceptance notification: 15. Jan, 2012

Final manuscript due: 15. Feb, 2012

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Contact Information

special.issue.on.uhealthcare@gmail.com