



Journal of Medical Imaging and Health Informatics (JMIHI): 2015's SCI-IF 0.877

A medium to disseminate novel experimental and theoretical research results in the field of biomedicine, biology, clinical, rehabilitation engineering, medical image processing, bio-computing, D2H2, and other health related areas.

URL: www.aspbs.com/jmihi

Call for Paper: Special Issue on Advanced Image Technologies in Diagnostic Imaging

Aim and Scope:

Basic principle of this special issue is to focus on emerging health technology and methods used for diagnostic imaging, including focusing on the hardware and the software which forms different images for diagnosis, as well as, to introduce various hot topics in diagnostic imaging methodologies, all of which could be essential and important. The objective of this special issue is to bring together research contributions on the design, specification, and implementation of architectures, protocols, and algorithms for current and future diagnostic imaging system.

Recommended topics include, but are not limited to, the following:

- Imaging modalities
 - Emerging Imaging modalities
- Techniques
 - Support vector machines
 - Statistical machine learning methods
 - Manifold-space-based methods
 - Artificial neural networks
- Applications
 - Computer-aided detection/diagnosis (e.g., for lung cancer, breast cancer, colon cancer, liver cancer, acute disease, chronic disease, osteoporosis)
 - Medical image analysis (e.g., pattern recognition, classification, segmentation) of lesions, lesion stage, organs, anatomy, status of disease and medical data

Biological image analysis (e.g., biological response monitoring, biomarker tracking/detection)
Medical image retrieval (e.g., lesion similarity, context-based)
Image reconstruction and acquisition (e.g., expectation maximization (EM) algorithm, statistical methods) for medical images (e.g., CT, PET, MRI, X-ray)

➤ Informatics

Big data (analytics, visualization)
PACS (telemedicine, telehealth)

Submission

Paper should be written in English. Your paper must be formatted according to the template files. Regular papers are allowed to 8 pages in journal special issue. Authors must mention in their cover letter for each SI manuscript that the particular manuscript is for the theme and name of Guest Editors of SI consideration so that the Guest Editors can be notified separately.

Guidelines for preparation of the manuscripts are available at the journal website

http://www.aspbs.com/jmihi/inst-auth_jmihi.htm

Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at:

<http://mstracker.com/submit1.php?jc=jmihi>

All manuscripts must be submitted via mstracker.com and authors are request to write in their cover letter that their submission is for this special issue and the name of the guest editor, so that the guest editor can be notified separately.

Important Dates

❖ Submission of full papers (Deadline):	May. 1st, 2017
❖ Notification of acceptance:	Aug. 2017
❖ Camera ready papers:	October. 2017
❖ Publication date: (estimated)	March 2018

Lead Guest Editor

Prof. Hiroshi Fujita,
Gifu University, Japan
E-mail: fujita@fjt.info.gifu-u.ac.jp

Guest Editors

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E-mail: pcchung@ee.ncku.edu.tw

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E-mail: kimjhyo@snu.ac.kr

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