

Call for Papers
Biomedical Signal Processing and Control (BSPC)
Special Issue on
Biomedical Imaging Systems



The area of Biomedical Imaging expands rapidly in several domains from the aspects of acquisition modalities to the development of novel analysis methodologies for disease diagnosis and therapy. In terms of modalities, enormous interest exists in classical imaging techniques, but most rapid developments emerge in technologies that reveal both functional and anatomical aspects of information, enabled by polarized and hyperspectral optical, fMRI and diffusion tensor imaging, just to mention a few. The application domain expands in a wide range of anatomical resolution, from whole organ structure, to tissue characterization and visualization down to microscopic biomolecular structures. The IEEE International Conference on Imaging Systems and Techniques (IST) covers most recent developments of these aspects. In association with the IST 2016 conference, this is a call for papers for a Special Issue on “Biomedical Imaging Systems” with more information found on the web link: <https://www.journals.elsevier.com/biomedical-signal-processing-and-control/call-for-papers/special-issue-on-biomedical-imaging-systems>, which will be published by the journal Biomedical Signal Processing and Control (BSPC) with webpage <https://www.journals.elsevier.com/biomedical-signal-processing-and-control>. The emphasis of this special issue will be on biomedical signal and image processing techniques. If you would like to submit a revised version of your paper, which has been presented at 2016 IEEE IIST Conference, please take this opportunity to substantially expand your paper (at least by 50%) to the journal standard as otherwise your paper may be rejected. All submissions will be peer reviewed following the journal’s normal procedure and its rigorous review system.

Topics of interest include, but are not limited to:

- Medical and biomolecular Image processing and pattern recognition
- Immuno-histochemical, hyperspectral and polarimetry digital imaging
- Neurophysiological and neuro-functional Imaging and processing methodologies
- Molecular and Translational image analysis in medicine and biology
- Pharmaco-imaging procedures for drug characterization
- Bio-inspired and Hybrid Vision methods

Paper Format and Submission

For general author guidelines and author information pack, please visit:

<https://www.elsevier.com/journals/biomedical-signal-processing-and-control/1746-8094/guide-for-authors>

Paper submission is done online: <http://ees.elsevier.com/bspc/default.asp?acw=&utt=>.

Please notice that you have to specify submission for the special issue on “Biomedical Imaging Systems”.

Important Dates:

Manuscript submission due: January 30, 2017

First Review Results: April 15, 2017

Final Revision: May 31, 2017

Final Review and Decision: August 30, 2017
Publication date: 4th Quarter 2017

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