



LATE BREAKING 1 Page Papers Invited until 8 March!

IEEE International Symposium on Biomedical Imaging

Tuesday, 29 April — Friday, 2 May 2014, Beijing, China



LATE BREAKING 1 Page Papers

Due to the many requests, we
are extending the 1 page
paper submission from

11 January – 8 March

Notification: **15 March**

Final upload and author
registration: **30 March 2014**

(no extensions due to your need to
obtain a Visa). All 1-page papers will
be posted on line only and not
published in Xplore or program
materials

The IEEE International Symposium on Biomedical Imaging (ISBI) has established itself as the prime conference in the field of biomedical imaging at large since 2002. The theme of ISBI'14 is "Innovative, Integrative, Informative". Based on the success of the ISBI tradition, we will test novel features for ISBI'14, including informetric measures, data papers, and best paper competition (see website below for details).

The conference, at **Renaissance Beijing Capital Hotel, Beijing, China**, will begin with pre-meeting tutorials, and highlight a scientific program of plenary talks, special sessions, challenges, oral and poster presentations. High-quality results are solicited on all aspects of biomedical imaging, including but not limited to image formation, processing and analysis, performance assessment, hybrid imaging, and imaging informatics. The paper submission had an overwhelming response and is closed and the program will be posted in February.

Distinguished Keynote and Plenary Speakers

Roderic Pettigrew (National Institutes of Health)- Advancing Precision Medicine Through Biomedical Imaging

Zhi-Pei Liang (University of Illinois at Urbana – Champaign) - High-Resolution MR Metabolic Imaging: Spins Meet Biology in Subspaces

Norbert Pelc (Stanford University) - Promising Directions for CT Technology Development

Brian Pogue (Dartmouth College) - Optical Molecular Imaging in Humans

Conference Chairs

Ge Wang

Rensselaer Polytechnic
Institute, USA

Bin He

University of Minnesota, USA

Program Chairs

Jie Tian

Chinese Academy of Sciences
China

Laure Blanc-Féraud

CNRS, I3S & INRIA-SAM,
France

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Tutorials – 29 April 08:30 – 12.15

Tutorial 1 - An introduction to
Sparse Stochastic Process and
Applications in Biomedical
Imaging - **Michael Unser**

Tutorial 2 - Compressive sensing
in medical image reconstruction:
sparsity, algorithm, and
application - **Hao Gao**

Tutorial 3 - Optoacoustic imaging
- **Daniel Razansky**

Tutorial 4 - Principles and
Techniques to Lower Radiation
Dose in X-ray CT – **Marc
Kachelrieß**

Innovative Integrative Informative



<http://biomedicalimaging.org/2014>