The IEEE International Symposium on Biomedical Imaging (ISBI) is a scientific conference dedicated to mathematical, algorithmic, and computational aspects of biomedical imaging, across all scales of observation. It fosters knowledge transfer among different imaging communities and contributes to an integrative approach to biomedical imaging.

ISBI is a joint initiative from the IEEE Signal Processing Society (SPS) and the IEEE Engineering in Medicine and Biology Society (EMBS). The 2016 meeting will include tutorials, and a scientific program composed of plenary talks, invited special sessions, challenges, as well as oral and poster presentations of peer-reviewed papers.

High-quality papers are requested containing original contributions to the topics of interest including image formation and reconstruction, computational and statistical image processing and analysis, dynamic imaging, visualization, image quality assessment, and physical, biological, and statistical modeling. Accepted 4-page regular papers will be published in the symposium proceedings published by IEEE and included in IEEE Xplore.

To encourage attendance by a broader audience of imaging scientists and offer additional presentation opportunities, ISBI 2016 will continue to propose a second track featuring posters selected from 1-page abstract submissions without subsequent archival publication.

**Venue:**
ISBI 2016 will be held in the 4-star Clarion Congress Hotel Prague, one of the most modern congress hotels in Prague, Czech Republic. The hotel has space for up to 2500 delegates and a corresponding accommodation capacity, including a wellness and fitness center. It takes less than 15 minutes by Underground to reach the historical center of Prague, a UNESCO Heritage Site. Do not miss Prague’s world-famous Old Town Square, Charles Bridge, and Prague Castle.

**Important Dates:**
- 4-page paper submission: October 26th, 2015
- Author Notification for 4-page papers: December 23rd, 2015
- Final version of 4-page papers & registration: January 11th, 2016

**Conference Chairs**
Jan Kybic  
Czech Technical University in Prague
Milan Sonka  
The University of Iowa

**Program Chairs**
Karl Rohr  
University of Heidelberg
Boudewijn Lelieveldt  
Leiden University Medical Center, Netherlands

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