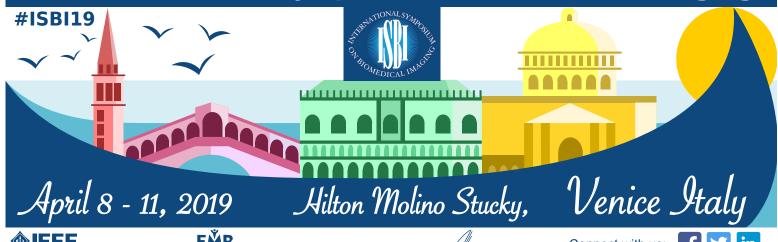
# **IEEE International Symposium on Biomedical Imaging**



The *IEEE International Symposium on Biomedical Imaging* (ISBI) is a scientific conference dedicated to mathematical, algorithmic, and computational aspects of biological and 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 2019 meeting will be held in Venice, Italy and will include tutorials, challenges and a scientific program composed of plenary talks, invited special sessions, 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, image processing and analysis, dynamic imaging, visualization, image quality assessment, machine learning for big image data, 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 clinical professionals and to offer additional presentation opportunities, ISBI 2019 will include special sessions with specific clinical focus and it will continue to have a second track featuring posters selected from 1-page abstract submissions.

## **Keynote Speakers**

### **Prof. Monique M.B. Breteler**

Director of Population Health Sciences, German Center for Neurodegenerative Diseases (DZNE), Professor of Population Health Sciences at the University of Bonn, and Adjunct Professor of Epidemiology at the Harvard School of Public Health in Boston, MA, USA.

#### **Prof. Satyajit Mayor**

Director of the National Centre for Biological Sciences and Director of the Institute for Stem Cell Biology and Regenerative Medicine in Bangalore, India.

#### Prof. I. Shulz-Menger

President of the Society for Cardiovascular Magnetic Resonance, Head of the Working Group Cardiac Magnetic Resonance at Charite Campus Buch in Berlin, Germany.

#### Dr. Stephan Saalfeld

Principal Investigator and Group Leader at the Janelia Research Campus, Howard Hughes Medical Institute in Loudoun County, Virginia, USA.

# Prof. Andres M. Lozano

Senior Scientist, Krembil Research Institute (Krembil), Toronto, Canada.

Techna Institute for the Advancement of Technology for Health (Techna), Toronto, Canada.

# **Important Dates**

# **Proposal Submission**

 Tutorials
 May 28, 2018 - September 24, 2018

 Challenges
 May 28, 2018 - September 14, 2018

 Special Sessions
 May 15, 2018 - June 5, 2018

### 4 page papers

Submission Opens

Submission Deadline

Accept/Reject Notification

Final Submission

September 1, 2018

October 9, 2018

December 18, 2018

January 15, 2019

#### 1 page papers

Submission Opens

Submission Deadline

Accept/Reject Notification

Final Submission Deadline

November 19, 2018

January 15, 2019

January 29, 2019

January 29, 2019

Final Submission Deadline

February 12, 2019

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