

# IEEE International Symposium on Biomedical Imaging

April 18-21, 2017, Melbourne, Australia

## CALL FOR PAPERS



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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 2017 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 2017 will continue to propose a second track featuring posters selected from 1-page abstract submissions without subsequent archival publication.

### Venue:

*ISBI 2017 will be held at the Melbourne Convention and Exhibition Centre*, a world class venue in the heart of the vibrant city of Melbourne, Australia within walking distance of hotels and dining options. The conference starts on the Tuesday immediately after the Easter holiday period to provide attendees with the opportunity to vacation before the conference enjoying the many attractions of Australia.

### Important Dates:

#### *4-page paper submission*

August 1st - October 24th, 2016

#### *Author Notification for 4-page papers*

December 19th, 2016

#### *Final version of 4-page papers & registration*

January 9th, 2017

### Conference Chairs

**Gary Egan**

*Monash University, Australia*

**Olivier Salvado**

*CSIRO, Brisbane, Australia*

### Program Chairs

**Simon Warfield**

*Harvard Medical School, Boston, USA*

**Arrate Munoz-Barrutia**

*Universidad Carlos III de Madrid, Spain*

### Organizing Committee

**Roger Ordidge, Parvin Mousavi,  
Andrew Zalesky, Fabrice Meriaudeau,  
Tammy Riklin Raviv, Stephen Aylward,  
Bram Van Ginneken, Adrienne Mendrik,  
Wiro Niessen, Stuart Crozier,  
Steve Lee, Mehrnaz Shoushtarian,  
Eduardo Romero, Amir Armini**

### Contact

**Janice Sandler** [j.sandler@ieee.org](mailto:j.sandler@ieee.org)  
<http://biomedicalimaging.org/2017>

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