

~ IEEE ISBI 2021 ~
**International
Symposium
on Biomedical Imaging**

NICE
Acropolis - France

APRIL 13-16
2021



CALL FOR PAPERS

biomedicalimaging.org/2021

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 2021 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 2021 will continue to have a second track featuring posters selected from 1-page abstract submissions without subsequent archival publication.

IMPORTANT DATES

Proposal Submission

Tutorials	May 29, 2020
Submission deadline	Oct 2, 2020
Accept/reject notification	Oct 23, 2020
Challenges	July 1, 2020
Submission deadline	Oct 2, 2020
Accept/reject notification	Oct 23, 2020
Web site running	Nov 1, 2020
Special session	May 29, 2020
Submission deadline	Sept 18, 2020
Accept/reject notification	Sept 21, 2020
1 page abstracts	
Submission opens	Nov 16, 2020
Submission deadline	January 15, 2021
Accept/reject notification	January 29, 2021
4 page papers	
Submission opens	Aug 3, 2020
Submission deadline	Oct 25, 2020
Accept/reject notification	January 8, 2021
Final submission	February 8, 2021

Organizers

Conference Chairs

Laure Blanc-Féraud CNRS, Université Côte d'Azur, France
Françoise Peyrin, INSERM, Université de Lyon, France

Program Chairs

Tom Vercauteren, King's College London, UK
Gustavo Rohde, University of Virginia, USA

Financial Chair

Grégoire Malandain, Inria, Université Côte d'Azur, France

Local arrangement

Agnès Cortell, Inria, Université Côte d'Azur, France

NIH liaison

Jeffrey Fessler, University of Michigan, USA

Clinical liaison

Carole Lartzien, CNRS, Université de Lyon, France
Ellen Van Obbergen-Schilling, INSERM, Université Côte d'Azur, France
Thomas Booth, King's College London, UK

Plenary Chairs

Jean-Christophe Olivo Marin, Institut Pasteur, France
Elsa Angelini, Imperial College London, UK

Challenges

Caroline Petitjean, Université de Rouen Normandie, France
Daniel Sage, EPFL, Switzerland
Jan Kybic, Czech Technical University, Czech Republic

Tutorial Chairs

Hassan Rivaz, Concordia University, Canada
Carole Frindel, INSA, Université de Lyon, France

Special Sessions

Virginie Uhlmann, EMBL-EBI, Cambridge, UK
Lila Zollei, Harvard Medical School, Boston, USA

Communication/Virtual conference Chair

Emmanuel Soubies, CNRS, Université de Toulouse, France

Awards

Denis Kouamé, Université de Toulouse III, France
Maria Ledesma Carbayo, Universidad Politécnica de Madrid, Spain

Student liaison

Maria Zuluaga, Eurecom, Sophia Antipolis, France
Nicolas Ducros, INSA, Université de Lyon, France

Industry Liaison

Marius Linguraru, George Washington University, USA
Badri Roysam, University of Houston, USA
Ge Wang, Rensselaer Polytechnic Institute, USA

World liaison

Olivier Salvado, CSIRO, Brisbane, Australia
Daniel Racoceanu, Université Sorbonne, France
Jong Chul Ye, KAIST, Korea