



IEEE ISBI 2022

International Symposium on Biomedical Imaging

28-31 March 2022, ITC Royal Bengal, Kolkata, India



CALL FOR PAPERS

biomedicalimaging.org/2022

The IEEE International Symposium on Biomedical Imaging (ISBI) is a scientific conference dedicated to the 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 of the IEEE Signal Processing Society (SPS) and the IEEE Engineering in Medicine and Biology Society (EMBS). The 2022 meeting will be a hybrid event organized from Kolkata, India, and will include tutorials, challenges, and a scientific program comprising plenary talks, special sessions, and oral and poster presentations of peer-reviewed papers.

High-quality papers are solicited containing original contributions in the topics of interest including, but not restricted to, image formation and reconstruction, physical, biological, and statistical modeling, computational and statistical image processing and analysis, image segmentation, image quality assessment, machine learning for image analysis, dynamic/ multimodal/ multiplexed/ multiscale imaging, computer-aided diagnosis, integration of imaging and non-imaging biomarkers, imaging informatics, visualization in biomedical imaging, and biomedical applications. All submissions must be original submissions not under concurrent review at any other conference or journal. Accepted 4-page regular papers will be published in the symposium proceedings by IEEE Xplore. To encourage attendance by a broader audience of imaging scientists and clinical professionals, ISBI 2022 will continue to have a second track featuring posters selected from 1-page abstract submissions without subsequent archival publication.

NEW

Microsoft CMT for Paper Management

Double-blind Review Process

IMPORTANT DATES

Special Sessions

Submission Deadline 6 September 2021

Accept/ reject Notification 13 September 2021

Tutorials

Submission Deadline 20 September 2021

Accept/ reject Notification 11 October 2021

Challenges

Submission Deadline 20 September 2021

Accept/ reject Notification 11 October 2021

4 Page Papers

Submission Deadline 6 October 2021

Accept/ reject Notification 27 December 2021

Camera-ready Submission 31 January 2022

1 Page Abstracts

Submission Deadline 3 January 2022

Accept/ reject Notification 17 January 2022

Organizing Committee

General Chairs

Jayanthi Sivaswamy, IIIT Hyderabad, India
Andrew Laine, Columbia University, USA

Program Chairs

Suyash P. Awate, IIT Bombay, India
Tanveer F. Syeda-Mahmood, IBM Almaden Research Center, USA

Local Organizing Chairs

Debdoot Sheet, IIT Kharagpur, India
Arun K. Thittai, IIT Madras, India

Finance

Hardik J. Pandya, IISc Bangalore, India

Industry Relations and Sponsorship

Anil K. Sao, IIT Bhilai, India
Mahesh R. Panicker, IIT Palakkad, India

International Relations

Subhamoy Mandal, Maxer Endoscopy, Germany
Martha Zequera-Díaz, Pontificia Universidad Javeriana, Columbia

Plenary and Keynotes

Ananda S. Chowdhury, Jadavpur University, India

Jayavardhana Gubbi, TCS Research, India

Challenges

Jayasree Chakraborty, Memorial Sloan

Kettering Cancer Center, USA

Amit Sethi, IIT Bombay, India

Tutorials

Ajit Rajwade, IIT Bombay, India

Anubha Gupta, IIIT Delhi, India

Special Sessions

Shadi Albarqouni, Helmholtz Center Munich, Germany

Sailesh Conjeti, Siemens Healthineers, Germany

Clinical Events

Madhura Ingahlalikar, Symbiosis International University, India

Brojeshwar Bhowmick, TCS Research, India

Young Professional & Student Activities

Himanshu Shekhar, IIT Gandhinagar, India

Karla P. Mercado-Shekhar, IIT Gandhinagar, India

Women in Imaging

Tripti Swarnkar, ITER-SOA Bhubaneswar, India

Deepti R. Bathula, IIT Ropar, India

Social and Cultural Activities

Nirmalya Ghosh, IIT Kharagpur, India

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HYBRID EVENT

