

IEEE International Symposium on Biomedical Imaging (ISBI)

Proposal Guidelines

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. The series is co-sponsored by the IEEE Engineering in Medicine and Biology Society (EMBS) and IEEE Signal Processing Society (SPS). Through the collaboration of the Biomedical Imaging and Image Processing (BIIP) and Biomedical Imaging in Signal Processing (BISP) technical committees, ISBI fosters cross-fertilization among different imaging communities and contributes to an integrative approach to biomedical imaging across all scales of observation. The conference features tutorials, challenges and a scientific program composed of plenary talks, workshops, as well as oral and poster presentations of peer-reviewed papers, and over 700 attendees.

ISBI Dates and Locations

Locations are selected to encourage geographic diversity.

2024	Athens, Greece		
2023	Cartagena de Indias, Colombia	2014	Beijing, China
2022	Kolkata, India	2013	San Francisco, CA, USA
2021	Nice, France	2012	Barcelona, Spain
2020	Iowa City, IA, USA	2011	Chicago, IL, USA
2019	Venice, Italy	2010	Rotterdam, The Netherlands
2018	Washington, D.C., USA	2009	Boston, MA, USA
2017	Melbourne, Australia	2008	Paris, France
2016	Prague, Czech Republic	2002 - 2007	Washington, DC. USA
2015	Brooklyn, NY, USA		

ISBI should be held between April/May annually, and dates should not conflict with other SPS or EMBS conferences or events, or any major world holidays.

Procedure Overview

1. Submit the online [ISBI 2025 Proposal Pre-Screening Form](#) before the deadline listed in the Call for Proposals.
2. Upon submission, you will receive a detailed schedule and procedure for the proposal review process.
3. The Proposal Pre-Screening Form will be reviewed by the ISBI Steering Committee. The ISBI Steering Committee will determine the final teams to prepare full proposals for review and present to the ISBI Steering Committee.
4. During a conference call, the Steering Committee, if it so chooses, will endorse one proposal and forward it to the Sponsoring Societies for approval. Final approval of the proposal may be contingent upon site inspection and budget approval.

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Typical Program Flow

ISBI should be held as primarily an in-person conference, but virtual options to attend should be considered and included in the proposal.

- Day 1 (Monday) – AM and PM Tutorials and Challenges
- Day 2 (Tuesday) – AM and PM General, Poster, & Oral Sessions, Welcome Reception
- Day 3 (Wednesday) – AM and PM General, Poster, & Oral Sessions
- Day 4 (Thursday) – AM and PM General, Poster, & Oral Sessions, PM Tutorial and Short Courses
- Recommendation to add a “Clinical Day” program geared towards practicing clinicians
- Program innovations and new ideas are encouraged, but should be reviewed by the ISBI Steering Committee.
- ISBI hosts Society administrative meetings, which may include Technical Committee on Biomedical Imaging and Image Processing (BIIP), Biomedical Imaging in Signal Processing Technical Committee (BISP), and ISBI Steering Committee. A full preliminary schedule can be provided to proposing teams upon request.
- Basic Meeting Space Requirements and Lodging Room Block History can be provided upon request by contacting sps-conf-proposals@ieee.org.

Full Proposal Outline

Final teams will be asked to create a proposal that follows the below outline:

1. Location and Venue
 - Include venue floor plans and capacity charts for meeting space
 - Include details on how the location will ensure good participation, involvement by the local research community, and interest from regional industry players
 - Include details on access (e.g., airports) and local transportation
 - Include overview of local universities and local industry within the proposed location
2. Conference Dates
 - Include primary and secondary date options
 - Ensure they do not conflict with the list of major holidays here, or other EMBS & SPS conferences and workshops
3. Organizing Committee Members
 - Build the committee considering the following representation:
 - Active EMBS & SPS members
 - Diversity including geographical, industry and academia, age, gender
 - IEEE EMBS & SPS conference and/or workshop experience and previous ISBI experience
 - Balance between scientists with expertise in medical and biological imaging
 - Management experience
4. Professional Conference Organizer (PCO)
 - Include brief summary about PCO and services they will provide
 - Include information about the management of paper submission and review, publication production, and registration and fee collection.
5. Technical Program
 - Overall Structure
 - Innovative Initiatives
 - Student and Young Professional Initiatives

- Industry-Related Initiatives
6. Side Events for Students, Young Professionals, or Industry
 7. Social Program
 8. Hotels
 - Include hotel guest room block sizes and pricing
 9. Budget, Sponsors & Registration Fees
 - Provide complete budget using the Budget Template
 - Note that ISBI requires a 25% surplus
 - [ISBI Registration History](#)
 10. Virtual or Hybrid Component
 - Given the recent pandemic, provide information on a virtual or hybrid component of the conference
 11. Travel and Transportation
 12. Travel Restrictions and Visa Requirements
 - Include information about countries that require a visa, cost and processing time
 - Include any information regarding the COVID-19 Vaccine requirements
 13. Local Involvement
 - Include any participation or plans for engaging with local universities and students, as well as local industry and clinicians.
 14. Any other relevant information