

🌐 China 📅 October 17-19, 2025

CONFERENCE WEBSITE: <http://www.icbsp.org/>

| About the Conference

Full name: 2025 10th International Conference on Biomedical Imaging, Signal Processing (ICBSP 2025)

Abbreviation: ICBSP 2025

2025 10th International Conference on Biomedical Imaging, Signal Processing (ICBSP 2025) will be held in Xiamen, China during October 17-19, 2025. The aim of ICBSP 2025 is to present the latest research and results of scientists related to Biomedical Imaging, Signal Processing topics. This conference provides opportunities for delegates to exchange new ideas and application experiences face to face, to establish business or research relations as well as to find global partners for future collaboration. It is sponsored by Biological & Environmental Engineering Society (HKCBEEES), and Biology and Bioinformatics Society (BBS) under the HKCBEEES, patroned by Polytechnic University of Bari, Guangxi University, Tiangong University, Guangxi Normal University and Guangzhou University of Chinese Medicine.

Important Dates

 **OCT 17**

CONFERENCE DATE
October 17-19, 2025

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Topics (includes but not limited to):

1. Medical Image Processing and Analysis: Image denoising and enhancement techniques, Feature extraction methods for medical images, Image registration and fusion techniques, Medical image reconstruction algorithms, and Image-based modeling and simulation in medicine
2. Biomedical Signal Processing and Interpretation: Signal filtering and denoising techniques, Feature extraction and selection from biomedical signals, Time-frequency analysis of physiological signals, Biomedical signal classification and pattern recognition, Analysis of brain signals and neuroimaging data, and Wearable and implantable biomedical sensors
3. Computer-Aided Diagnosis and Treatment: Computer-aided detection and diagnosis of diseases, Decision support systems for medical professionals, Imaging-based guidance for minimally invasive interventions, Computer-aided surgical planning and navigation, Personalized medicine and treatment response prediction, and Telemedicine and remote healthcare monitoring
4. Medical Image Reconstruction and Restoration: Compressed sensing and sparse reconstruction in medical imaging, Low-dose and radiation dose reduction techniques, Artifact correction and image restoration methods, Multi-modal and multi-sensor image fusion, Super-resolution techniques in medical imaging, and Quantitative image reconstruction and analysis
5. Medical Image Segmentation and Registration: Image segmentation algorithms for organs and tissues, Shape analysis and deformable models in

medical imaging, Multi-atlas and atlas-based segmentation techniques, Longitudinal image registration and tracking, Elastic and non-rigid image registration methods, and Deep learning-based segmentation and registration

Paper Publication:

Conference Proceedings: indexed by Ei Compendex and Scopus, and submitted to be reviewed by CPCI.

Journal of Image and Graphics (JOIG, ISSN: 2301-3699), Cite Score: 2.7, which will be included in Scopus, Ulrich's Periodicals Directory, Google Scholar, Crossref, IndexCopernicus, etc.

ICBSP Publication History :

ICBSP 2024---ACM Conference Proceedings (ISBN: 979-8-4007-1749-9, in press)

ICBSP 2023---ACM Conference Proceedings (ISBN: 979-8-4007-1658-4), indexed by Ei Compendex and Scopus

ICBSP 2022---ACM Conference Proceedings (ISBN: 978-1-4503-9785-8), indexed by Ei Compendex and Scopus

ICBSP 2021---ACM Conference Proceedings (ISBN: 978-1-4503-8581-7), indexed by Ei Compendex and Scopus

ICBSP 2020---ACM Conference Proceedings (ISBN: 978-1-4503-8826-9), indexed by Ei Compendex and Scopus

ICBSP 2019---ACM Conference Proceedings (ISBN: 978-1-4503-7295-4), indexed by Ei Compendex and Scopus

ICBSP 2018---ACM Conference Proceedings (ISBN: 978-1-4503-6477-5), indexed by Ei Compendex and Scopus

Conference Highlights:

- 1.Campus Tour: Xiamen University
- 2.Xiamen City Tour

Submission and Contact Methods:

Electronic Submission System:

<http://confsys.iconf.org/submission/icbsp2025>

E-mail: icbsp_info@126.com

Listener registration:

<http://confsys.iconf.org/register/icbsp2025>

Tel: +852-3500-0799 (Headquarter)/+86-28-86528465 (Branch Office)

Conference Specialist: Ms. Ruby He

Conference Venue:

Xiang'an campus, Xiamen University, Xiamen, China

Address: No.4221, Xiang'an South Road, Xiang'an District, Xiamen, 361102, Fujian, China

Website: <https://xaxq.xmu.edu.cn/>

ICBSP 2025 can provide a platform for academic communication in Biomedical Imaging, Signal Processing and related areas. For more conference information, please visit the conference website: www.icbsp.org

TOPICS OF INTEREST

4 topics

Research papers are invited in, but not limited to, the following areas:

Image & Signal Processing

Biomedical & Health Informatics

⊖ Mechanical
engineering

⊖ Biotechnology &
Life Sciences

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