

ORGANIZING COMMITTEE

General Chairs

Maria Fernanda Cabrera, Co-Chair

Universidad Politecnica de Madrid, Spain

Bobak Mortazavi, Co-Chair

Texas A&M University, USA

Edward Sazonov, Chair

The University of Alabama, USA

May Dongmei Wang, Co-Chair

Georgia Institute of Tech. & Emory University, USA

Technical Program Committee Chairs

Tayo Obafemi-Ajayi

Missouri State University, USA

Hassan Ghasemzadeh

Arizona State University, USA

Finance Chairs

Rosa Chan

City Univ. of Hong Kong, China

Yufei Huang

University of Pittsburgh Medical Center, USA

Md Mobashir Hasan Shandhi

Arizona State University, USA

Publicity Chairs

Bishal Lamichhane

Rice University, USA

Andrew Hornback

Georgia Institute of Technology, USA

International Program Chairs

Beena Ahmed

University of New South Wales, Australia

Ratko Magjarevic

University of Zagreb, Croatia

Yuan-Ting Zhang

The Chinese University of Hong Kong, China

Open Review Chairs

Minhaj Nur Alam

University of North Carolina at Charlotte, USA

Fei Chen

Southern Univ. of Science and Technology, China

Lei Lu

King's College London, UK

Yali Zheng

Shenzhen Technology University, China

Publication Chairs

Dimitris Fotiadis

University of Ioannina, Greece

Wenqi Shi

University UT Southwestern, USA

Demonstration & Competition Chairs

Subhamoy Mandal

Indian Institute of Tech. Kharagpur, India

Special Session Co-Chairs

Andrew Laine

Columbia University, USA

Ricardo Gutierrez-Osuna

Texas A&M University, USA

Cecilia Vera-Munoz

Universidad Politecnica de Madrid, Spain

Workshop/Tutorial Co-Chairs

Jessilyn Dunn

Duke University, USA

Todd Freeborn

The University of Alabama, USA

Women in BHI Co-Chairs

Maria Fernanda Cabrera

Universidad Politecnica de Madrid, Spain

Wei Chen

The University of Sydney, Australia

Tayo Obafemi-Ajayi

Missouri State University, USA

Young Professionals Co-Chairs

Benoit Marteau & Oankar Patil

Georgia Institute of Technology, USA

Ryan King

Texas A&M University, USA



IEEE BHI2025

IEEE-EMBS INTERNATIONAL CONFERENCE ON
BIOMEDICAL AND HEALTH INFORMATICS
OCTOBER 26-29, 2025, ATLANTA, GEORGIA, USA

CALL FOR PAPERS

The EMBS International Conference on Biomedical and Health Informatics (BHI2025) theme is "**Precision Health: AI Tailored to Individuals**". BHI2025 invites participation from academia, industry, clinical medicine, and government to contribute groundbreaking basic methodologies, emerging technologies, translational implementation in biomedical informatics and data processing. BHI has been organized in Shenzhen China, Valencia Spain, Las Vegas USA, Orlando USA, Chicago USA, Ioannina Greece, Pittsburgh USA, Houston USA. BHI2025 will take place at **Georgia Tech, Atlanta, Georgia, USA** in **October 26-29 2025**.

The BHI2025 scope covers multimodality data collection by novel sensors, imaging, omics, public and global health surveillance, robots, drug discovery, immunotherapy, and multiple other biomedical technologies; data transmission (security, encryption); data visualization; data analysis by signal processing and machine learning; advanced AI such as Generative AI and Cognitive AI for large range of biomedical and health technologies and applications, including Metaverse, Digital Health, Bioinformatics, Electronic Health Records, Human-Computer Interaction, Telemedicine, Public Health, Aging, Infectious Diseases, and Chronic Conditions.

HIGHLIGHTS OF BHI2025

- » JBHI Special Issue for 8-page papers with oral presentation at the conference
- » Regular 4-7 page conference papers with Open Double-Blind Review, Open Access and submission to IEEE Xplore
- » 1-page extended abstracts for poster presentations and rapid fire sessions
- » Best paper awards for recognizing innovative and excellence research.
- » Continuing Medical Education (CME) credits for clinicians
- » Travel awards for students
- » Data competition and awards for students
- » Student resume database and career fair

THEMES OF BHI2025

- » Digital twins / Personalized AI
- » AI in Precision Medicine
- » AI in Preventative Care
- » AI for wearables
- » Explainable AI
- » Multimodality Data Analysis
- » Medical imaging
- » Biomarker discovery and drug design
- » Robotic surgery and interventions
- » Single-cell and spatial genomics
- » Security and privacy preservation
- » Ethical and regulatory issues
- » Cognitive automation in medicine
- » Metaverse/augmented reality

IMPORTANT DATES

JBHI Special Issue Submission Deadline	May 23, 2025
JBHI Triage Decision	June 3, 2025
BHI Regular Conference Paper deadline	June 6, 2025
Special Session, Workshop & Tutorial	June 13, 2025
1 st Round of Paper Review Notifications	July 22, 2025
Author Rebuttal Stage	July 22 - Aug 4, 2025
Final Paper Acceptance Notification	August 18, 2025
Final Camera Ready Paper	September 1, 2025
1-page Abstract Submission Window	May 1 - October 1, 2025
1-page Abstract Acceptance Notification	decisions every two weeks



IEEE Engineering in Medicine & Biology Society

[BHI.EMBS.ORG/2025](https://www.bhi.embs.org/2025)