

Sept 19-20, 2024  
Tucson, AZ



IEEE-EMBS International Conference on Health Innovations in Point of Care Technology (IEEE HI-POCT) is the premier conference in the areas of Health innovations in point-of-care technologies. In its eighth year, this IEEE EMB Strategic Conference will emphasize funding opportunities and the promise and pitfalls of the journey from idea to patient. The conference will provide a strategic forum where clinicians, industry experts, innovation experts, researchers, and students will examine how to define unmet clinical needs and successfully travel along the innovation cycle toward commercialization and patient impact. Clinical, technological, regulatory, and marketing aspects of this learnable process will be stressed. Expert panels will discuss learnings in the development, translation, and commercialization of technologies and challenges in bringing medical care innovation to community health.

**Importance:** IEEE HI-POCT 2024 will accept 4-page conference Full Papers, 1-page Conference Abstracts for poster presentation, and 1-page Prototype Demonstration Abstracts. Excellent papers (e.g., Best Paper Award candidates) will be invited to present in a special session at the conference. Keynote talks and panel discussions with leaders and stakeholders will address clinical needs, mastering the process of innovation, funding, and individual networking opportunities. In addition, a limited number of poster presentations will be included in the final program.

**Who Should Attend:** All researchers, clinicians, and students engaged in scientific and clinical research on developing and commercializing healthcare applications are invited to attend. All stakeholders in healthcare innovations, delivery, maintenance, services, and management are specifically encouraged to participate in the conference. Industries and businesses dealing with healthcare products, devices, pharma, and payers, along with life-sciences-related sponsoring agencies and foundations, are welcome to participate in the collaborative synergy addressing the future of healthcare innovations and point-of-care technologies in medicine.

We invite **4-page conference Full Papers**, **1-page Conference Abstracts** for poster presentation, and **1-page Prototype Demonstration Abstracts** to be submitted for potential inclusion in the program.

**Conference themes would include a topical coverage of (but not limited to):**

Global health and Precision medicine  
Telemedicine and Health Informatics  
Point-of-care, Point-of-need, and home-based technologies  
Rapid Testing and Molecular Diagnostics  
Mobile and Wearable Monitors / Diagnostics  
Personalized Health  
Molecular and Microfluidic diagnostics  
Intelligent Biosensing Technologies  
Mental Health Technologies  
Accessible and Equitable Technologies  
Community Medicine Technology  
Translation and commercialization

#### IMPORTANT DATES

##### **Full Paper (4-pages)**

Submission Opens – May 31, 2024

Submission Deadline – July 19, 2024

Full Paper acceptance notification – August 9, 2024

Final Submission – August 30, 2024

##### **Conference Abstract (1-page)**

Submission Opens – June 21, 2024

Submission Deadline – August 2, 2024

Accept/Reject Notify – August 23, 2024

Final Submission – Sept 5, 2024

##### **Prototype Demo Abstract (1-page)**

Submission Opens – June 21, 2024

Submission Deadline – August 2, 2024

Accept/Reject Notify – August 23, 2024

Final Submission – Sept 5, 2024

**All deadlines are 11:59 pm USA (Pacific Coast Time)**

The manuscripts will be accessible to registered attendees only.

Detailed instructions for submissions of papers and abstracts are available on our conference website:

<https://hipoct.embs.org/2024/>