

📅 August 4-6, 2026

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CONFERENCE WEBSITE:

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## | About the Conference

IEEE/ACM CHASE is a leading international conference in the field of connected health. It aims at bringing together researchers worldwide working in the smart and connected health area to exchange innovative ideas and develop collaborations. Connected health is at the convergence of multiple domains and technologies and helps to shape foundational improvements to healthcare delivery. In the future, improvements from Connected Health will be realized by providing rich medical information to individuals and by replacing infrequent, clinic-based measurements with unobtrusive, continuous sensing, monitoring and assessment. Connected health technologies will enable preventive health and personalized medicine and significantly reduce healthcare costs.

Building upon the success of its past nine years, IEEE/ACM CHASE 2026 will be held in Pittsburgh, PA, USA in August 2026 to address challenges for enabling connected health worldwide.

Note: IEEE/ACM CHASE 2026 will accept regular, short, workshop, demo, and poster papers.

### Important Dates

 **CONFERENCE DATE**  
**August 4-6, 2026**

Accepted regular and short papers will have an option to be published in either ACM Proceedings or Elsevier Smart Health Journal. The Best Paper Award will be selected among the accepted full papers. Topics of interest and submission details are provided on the IEEE/ACM CHASE 2026 website. Student Travel Awards will be provided to selected students from US-based institutions.

The submission site is:

<https://chase26.hotcrp.com/>

Only electronic submissions in PDF will be accepted. Submitted papers must be written in English. Submitted regular paper should be no longer than 12 double-column pages, and short paper should be no longer than 5 double-column pages including the Reference and Appendix sessions. Submitted papers must be neither previously published nor under review by another workshop, conference or journal.

Topics of interest include but are not limited to:

#### Applications

Public health and home monitoring

Healthcare data processing, data analytics, and data mining

Medical imaging and image processing

Large Language Models or Foundation Models for medical applications

Personalized medicine and preventive treatment

Evolutionary and longitudinal patient and disease models

Security, privacy and trust for connected Health

services/applications

Systems

Biomedical sensing and monitoring systems

Integration of medical devices with wireless health

Body area networks

Implantable sensor networks

Communication system or decision support system

design for connected health

Engineering Technologies

Wearable devices and wearable computing

Smart garments/textiles

Communication/network infrastructures and protocols

Robotics for connected health

Telemedicine and Remote Medical Diagnostic System

Software, systems, and performance engineering for connected health

### **TOPICS OF INTEREST**

4 topics

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

Uncategorized

Internet of Things  
& Embedded  
Systems

Biomedical &  
Health  
Informatics

Mechanical  
engineering

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