

## CALL FOR POSTER AND DEMO SUBMISSION

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 can be defined as the use of Internet, sensing, communications, and intelligent techniques in support of health related Applications, Systems and Engineering. Connected health brings together multidisciplinary technologies to provide preventive or remote treatments by utilizing digital health information structure such as body sensor networks, and intelligent techniques such as from Data to Knowledge to Decisions, while at the same time connecting patient and caregivers seamlessly in the loop of the healthcare ecosystem. The emerging technologies will enable preventive health and personalized medicine and may significantly reduce healthcare costs. Prospective authors are cordially invited to submit their original contributions covering completed or ongoing work related to the connected health area. The topics include but are not limited to:

### Applications

- Public health and Home Monitoring
- Healthcare Data processing, Data Analytics, Data mining
- Medical imaging & Wearable Computing
- Personalized Medicine & Preventive Treatment
- Evolutionary and longitudinal patient and disease models
- Security, privacy and trust for connected Health services/applications

### Systems

- Biomedical Sensor Monitoring System
- Integration of medical devices with wireless health
- Body area networks
- Implantable Sensor Networks
- Remote Medical Diagnosis System
- Communication System or Decision Support System design for connected health

### Engineering Technologies

- Design of Wearable devices
- Smart garments/textiles
- Communication/network infrastructures, and protocols
- Robotics for connected Health
- Software, systems and performance engineering for Connected Health



The Second IEEE/ACM Conference on Connected Health: Applications, Systems and Engineering Technologies

July 17-19, 2017, Philadelphia, USA

### Submission Instructions

Perspective authors are invited to submit the poster and demo papers now. The poster and demo submissions will be up to two pages following IEEE conference style. Submitted manuscripts should be single-spaced double-column using 10-point size font on 8.5x11 inch pages, including figures, tables, and references. The authors of accepted demo and poster papers will deliver system demonstrations and poster presentations, respectively. The demo/poster paper will be published in IEEE Explore and IEEE proceeding. Some student authors will be selected for **NSF travel support**.

The Submission link is available at

<https://edas.info/newPaper.php?c=22863>

### Important Dates

Poster and Demo Paper Submission Deadline: **March 31, 2017**

Notification for Poster and Demo Papers: **April 21, 2017**

Submission of Camera-Ready Papers: **April 30, 2017**