



## BHI-2018 IEEE International Conference on Biomedical and Health Informatics



*Integrative informatics for precision and preventive medicine*

4-7 March 2018

Las Vegas, NV - USA

### Call for Papers

The IEEE International Conference on Biomedical and Health Informatics (BHI) is the flagship conference of IEEE Engineering in Medicine and Biology Society (IEEE-EMBS) on the topics of informatics and computing in healthcare and life sciences. The theme of the BHI2018 is "***Integrative informatics for precision and preventive medicine.***"

IEEE BHI2018 will be co-localized with HIMSS2018 (2018 Health Information Management Systems Society Annual Conference) and IEEE BSN2018 (2018 IEEE Body Sensor Network) in Las Vegas, during March 4-7, 2018. It will provide a unique forum to showcase enabling technologies of devices and sensors, databases, systems, signals, and big data analytics that optimize the acquisition, transmission, processing, monitoring, storage, retrieval, analysis, visualization and interpretation of vast volumes multi-modality biomedical and related social, behavior, environmental, and geographical data. It will also demonstrate the deployment of BHI informatics solutions that integrate several technologies including machine learning, artificial intelligence, Internet of Things (IoT), mHealth, e-Health, human computer interface, telemedicine, bioinformatics, sensors, imaging, and public health monitoring, to achieve patient-centric, outcome-driven health care. BHI2018 has the following five tracks: **Bioinformatics; Imaging Informatics; Sensor Informatics; Clinical Informatics; and Public Health Informatics.**

BHI2018 will provide dedicated networking social events and special topics workshops to encourage BHI 2018 participants to exchange knowledge and insights, and to cultivate collaborations.

#### BHI2018 Key Dates

##### Sept 30 2017

Submission Deadline of Special Session and Workshop Proposals

##### Oct 6 2017

Acceptance Notification of Special Session and Workshop Proposals

##### Oct 13 2017

Submission Deadline of Regular Full-Length Papers

##### Nov 13 2017

Submission Deadline of Special Session, Workshop Papers and 1-Page Abstracts

##### Dec 3 2017

Acceptance Notification of Full-Length, Special Session, Workshop Papers and 1-Page Abstracts

##### Dec 17 2017

Submission Deadline of Full-Length and 1-Page Abstracts

##### Jan 8 2018

Submission Deadline of Camera-Ready Papers and Abstracts

#### BHI2018 Organizing Committee

##### Conference Co-Chairs

Dimitrios I. Fotiadis, JBHI EiC, Univ of Ioannina, Greece  
Julien Penders, Bloomlife, USA

##### Technical Program Co-Chairs

Jie Liang, Univ of Illinois at Chicago, USA  
Constantinos S. Pattichis, Univ of Cyprus, Cyprus  
Georgia Tourassi, Oak Ridge National Laboratory, USA

##### HIMSS-EMBS Liaison Co-Chairs

Elliot Sloane, Center for Healthcare Infor Res & Policy, USA  
Stephen Wong, Houston Methodist Hosp & Cornell Univ, USA

#### BHI2018 Conference Website

<https://bhi-bsn.embs.org>

***We are looking forward to seeing you in Las Vegas!***