



40th International Conference  
of the IEEE  
Engineering in Medicine  
and Biology Society



July 17-21

Honolulu, HI



Hawaii Convention Center



# CALL FOR PAPERS

*Learning from the Past, Looking to the Future*

The IEEE Engineering in Medicine and Biology Society is pleased to announce the **40th International Engineering in Medicine and Biology Conference, to be held in Honolulu, Hawaii from July 17-21, 2018**. The theme of the meeting is "Learning from the Past, Looking to the Future", inspired by the 40th anniversary of the world's largest international biomedical engineering meeting. Consistent with our theme, we have arranged plenary keynotes from leading industrial and academic scientists, who will give forward looking visions as well as historical perspectives on our field. A broad array of scientific tracks will cover diverse topics of cutting-edge research and innovation in biomedical engineering, healthcare technology R&D, translational clinical research, technology transfer and entrepreneurship, and biomedical engineering education. In addition to the high-profile keynotes, the conference program will feature mini symposia, workshops, invited sessions, oral and poster sessions, sessions for students and young professions, sessions for clinicians and entrepreneurs, and exhibits from vendors and universities.

## Keynote Speakers



**Fran Kaufman, MD**  
CMO and VP Global Medical  
Distinguished Professor Emerita  
of Pediatrics at USC, USA  
Children's Hospital Los Angeles



**Brian Otis, Ph.D.**  
CTO at Verily Life Sciences  
Research Associate Professor  
University of Washington  
Seattle, USA



**John Webster, PhD**  
Professor Emeritus of  
Biomedical Engineering  
University of  
Wisconsin-Madison, USA

## Organizing Committee

**Conference Chair – James Weiland**  
University of Michigan

**Conference Chair – Michelle Khine**  
University of California-Irvine

**Finance Chair – Thomas Penzel**  
Charite Universitätsmedizin Berlin

**Program Chair – Gregg Suaning**  
University of Sydney

**Program Co-Chair – Olaf Doessel**  
Karlsruhe Institute of Technology (KIT)

**Conference Editorial Board Chair – James Patton**  
University Illinois at Chicago

**Workshop Chair – Atam Dhawan**  
New Jersey Institute of Technology

**Local Organizing Committee Chair – Aaron Ohta**  
University of Hawaii

**Exhibits-Sponsorship Chair – Jack Judy**  
University of Florida

**WIE Chair – Lisa Lazareck-Asunta**  
Wellcome Trust

**WIE Chair – Jennifer Shin Park**  
KAIST

## Important Dates - Proposal submission

**Special Sessions & Minisymposia  
Workshops & Tutorials**

**Sep 1-Nov 15, 2017  
Sep 1-Nov 15, 2017**

**1-page papers (Invited Sessions/Minisymposia)**

Submission opens  
Submission deadline  
Accept/reject notification  
Final submission deadline

**Nov 17, 2017  
Dec 15, 2017  
Jan 22, 2018  
Mar 1, 2018**

**Full papers**

Submission deadline  
Accept/reject notification  
Final submission deadline

**Feb 4, 2018  
Apr 4, 2018  
Apr 18, 2018**

**1-page papers (Research Poster Papers)**

Submission opens  
Submission deadline  
Accept/reject notification  
Final submission deadline

**Nov 1, 2017  
Apr 18, 2018  
Apr 28, 2018  
May 4, 2018**

<http://embc.embs.org/2018/>