

# 39th Annual International Conference of the IEEE Engineering in Medicine and Biology Society

International Convention Center

Jeju Island, Korea

JULY 11 to 15, 2017



<http://embc.embs.org/2017/>

CALL FOR PAPERS



## Smarter Technology for Healthier World



The 39th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'17) in conjunction with International Biomedical Engineering Conference of KOSOMBE will be held at International Convention Center (ICC), Jeju Island, Korea from July 11 to 15, 2017. The overall theme of the conference is "Smarter Technology for Healthier World" and will cover diverse topics of cutting-edge research in biomedical engineering, healthcare technology R&D, translational clinical research, technology transfer and entrepreneurship, and biomedical engineering education. The conference program will feature high-profile keynote lectures, minisymposia, workshops, invited sessions, oral and poster sessions, sessions for students and young professions, sessions for clinicians and entrepreneurs, and exhibitions.

### THEMES

- Biomedical Signal Processing
- Biomedical Imaging & Image Processing
- Micro- & Nano-bioengineering; Cellular & Tissue Engineering
- Computational Systems & Synthetic Biology; Multiscale Modeling
- Cardiovascular & Respiratory Systems Engineering
- Neural Engineering, Neuromuscular Systems & Rehabilitation Engineering
- Wearable Biomedical Sensors & Systems
- Bio-Robotics, Surgical Planning and Biomechanics
- Therapeutic & Diagnostic Systems, Devices and Technologies, Clinical Engineering
- Biomedical and Health Informatics
- Biomedical Engineering Education and Society
- Bringing Healthcare Innovations into the Marketplace
- Pharmaceutical Engineering and Drug Delivery Systems

### KEYNOTE SPEAKERS

**Yong Jin Lee**

*Samsung Electronics Co., Ltd., KOREA*

**Mark Prausnitz**

*Georgia Institute of Technology, USA*

**Kyongtae Bae**

*University of Pittsburgh, USA*

**Vasilis Ntziachristos**

*Technische Universität München, GERMANY*

**Jing Cheng**

*Tsinghua University, CHINA*

**Kenji Sunagawa**

*Kyushu University, JAPAN*

**Michael Unser**

*EPFL, SWITZERLAND*

**Allison Okamura**

*Stanford University, USA*

### 4-page Papers

(Contributed Papers)

**Submission deadline: 3 Feb 17**

Accept/reject notification: 20 Mar 17

Final submission deadline: 4 Apr 17

*\*Submitted 4-page papers will be reviewed by the CEB. Accepted 4-page papers will be presented in either oral or poster/ignite sessions, published in IEEE Xplore as conference proceedings, and indexed by PubMed and Medline.*

Author Instructions for Contributed Papers – Full

<http://embc.embs.org/2017/author-instructions-for-one-page-papers/>

### 1-page Papers

(Research Poster Papers)

**Submission deadline: 3 Apr 17**

Accept/reject notification: 17 Apr 17

Final submission deadline: 24 Apr 17

*\*Submitted 1-page papers will be reviewed by the CEB and Program Committee. Accepted 1-page papers will be presented in poster sessions and accessible to the public through the EMBC17 website, but will not appear in the published EMBC proceedings.*

Author Instructions for One-Page Papers

<http://embc.embs.org/2017/author-instructions-for-contributed-papers-full/>

### 1-page Papers

(Mini-symposia & Invited Sessions)

**Submission deadline: 3 Feb 17**

Accept/reject notification: 20 Feb 17

Final submission deadline: 24 Feb 17

*\*Submitted 1-page papers will be reviewed by the Program Committee. Accepted 1-page papers will be presented in either mini-symposia or invited sessions and accessible to the public through the EMBC17 website, but will not appear in the published EMBC proceedings.*