Call for Papers

The IEEE International Conference on Wearable and Implantable Body Sensor Networks (BSN) 2018 is the 15th in a series of annual conferences sponsored by IEEE EMBS dedicated to addressing the challenges in the areas of sensor-exploiting medical/healthcare systems and networking. IEEE BSN18 will be co-located with the HIMSS2018 (Health Information Management Systems Society Annual Conference) and the IEEE BHI2018 (IEEE International Conference on Biomedical and Health Informatics) in Las Vegas, March 4-7, 2018. The joint program will have world-renowned speakers from research institutes, government agencies and industry. Over thousands attendance is expected in this research festival in healthcare and medical technologies.

Body sensor systems and networks provide the opportunity to measure physiology, behavior and environments outside the clinical settings. Means of include, but are not limited to:

- Prototyping body-worn sensor systems for healthcare applications;
- Ultra-low-power or batteryless system solutions for health longitudinal study;
- Machine learning, signal processing, and decision support algorithms & systems;
- Security, privacy and trust in body sensor networks and systems;
- Medical and wellness applications from childhood health to elderly care;
- Body Area communication protocols, algorithms and systems.

This year, BSN will recognize multiple awards from all accepted papers, including Best Paper Award, Best Student Paper Award, Best Poster Award, and one Best Demo Award.

✔ Student travel grants sponsored by the US NSF are available!
✔ Conference web-site: https://bsn-bhi.embs.org

BSN 2018 Key Dates

- Sept 30, 2017: Submission deadline of workshop proposals
- Oct 6, 2017: Acceptance notification of workshops
- Oct 13, 2017: Submission deadline of regular full-length papers
- Nov 13, 2017: Submission deadline of workshop papers
- Dec 3, 2017: Acceptance notification of full-length papers
- Dec 10, 2017: Submission deadline of demo/poster abstracts
- Dec 24, 2017: Acceptance notification of demo/poster abstracts
- Jan 8, 2018: Submission deadline of camera-ready papers and abstracts

Organizing Committee

Conference Chair
Roozbeh Jafari, Texas A&M University, USA

Technical Program Co-Chairs
Louis Atallah, Philips Research, USA
Hassan Ghasemzadeh, Washington State Univ., USA

Workshop Chair
Theodora Chaspari, Texas A&M University, USA

Publicity Chair
Nirmalya Roy, Univ. of Maryland (UMBC), USA

Travel Awards Chair
Bobak Jack Mortazavi, Texas A&M University, USA

Technical Program Committee

Kemal Akkaya, Florida International University, USA
Nabil Alshurafa, Northwestern University, USA
Oliver Amft, FAU Erlangen-Nürnberg, DE
Paolo Bonato, Harvard Medical School, USA
Alper Bozkurt, North Carolina State University, USA
Wan-Young Chung, Pukyong National University, KE
Bjorn Eskofier, Friedrich-Alexander University, DE
Jiaqi Gong, Univ. of Maryland (UMBC), USA
Adam W. Hoover, Clemson University, USA
Ming-Chun Huang, Case Western Reserve University, USA
Omer T. Inan, Georgia Institute of Technology, USA
Zhanpeng Jin, SUNY Buffalo, USA
Steffen Leonhardt, Aachen University, DE
Feng Lin, University of Colorado Denver, USA
Benny Lo, Imperial College, UK
Xi Long, Philips Research, NL
Kunal Mankodiya, University of Rhode Island, USA
Nirmalya Roy, Univ. of Maryland (UMBC), USA
Edward Sazonov, University of Alabama, USA
Donna Spruji-Metz, University of South California, USA
Krihsha Kumar Venkatakrishnan, WPI, USA
Sun Ye, Michigan Tech University, USA
Zhiqiang Zhang, University of Leeds, UK
Gang Zhou, College of William and Mary, USA

Steering Committee

Oliver Amft, University of Passau, DE
Dinesh Bhatia, University of Texas at Dallas, USA
Paolo Bonato, Harvard Medical School, USA
Thomas Falcó, Philips Research, Eindhoven, NL
Karl Friedl, UCSF/USARIEM, USA
Reed Hoyt, USARIEM, USA
Yoav Oren, USARIEM, USA
Roozbeh Jafari, Texas A&M University
Steffen Leonhardt, RWTH Aachen
Benny Lo, Imperial College, London, UK
Jeffrey Palmer, MIT, USA
Joseph Paradiso, MIT, USA
Carmen Poon, Chinese University of Hong Kong
Gerhard Troester, ETH, Switzerland
Paul Wright, University of California at Berkeley, USA
Guang-Zhong Yang, Imperial College, London, UK
Yuan-Ting Zhang, Chinese University of Hong Kong

EMBS Staff Members

Janice Sander, IEEE EMBS, USA
Scott Woodhouse, IEEE EMB, USA