

# Body Sensor Networks Conference

4-7 March, 2018  
Las Vegas, Nevada, United States



## Call for Papers

The IEEE International Conference on Wearable and Implantable Body Sensor Networks (BSN) 2018 is the 15<sup>th</sup> 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-localized 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 systems, communication modules, on-chip and off-line data processing and modelling turn these measurements into actionable information. Authors are invited to submit full papers (4 Pages) and demo/poster abstracts (1 Page) presenting cutting-edge research related to the theory and/or practice of wearable and implant systems and/or body sensor networking ranging from physical devices, integrated systems and healthcare/medical applications. All submissions must describe original research, not published or currently under review elsewhere. Areas of interest 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

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