

NIH-IEEE Strategic Conference on Point of Care Technologies for Precision Medicine

November 9-10, 2015

NIAID Conference Center, 5601 Fishers Lane, Bethesda, MD 20852



Organized By

National Institute of Biomedical Imaging and Bioengineering (NIBIB), NIH
 Engineering in Medicine and Biology Society (EMBS), IEEE
 National Cancer Institute (NCI), NIH
 National Heart, Lung and Blood Institute (NHLBI), NIH
 National Institute of Allergy and Infectious Diseases (NIAID), NIH

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Call For Papers

The NIH-IEEE Strategic Conference will focus on healthcare innovations and point-of-care technologies for precision medicine, and their clinical translation to address challenges in global healthcare. The proposed conference will provide a strategic forum with clinicians, healthcare providers, industry experts, innovators, researchers and students to define clinical needs and technology solutions towards commercialization and translation to precision medicine. Panel discussions and open forum sessions along with research presentations will focus on the development, clinical translational, commercialization, implementation and user-compliance of innovative healthcare and point-of-care technologies in clinical (hospital, emergency, acute, chronic and primary care), non-traditional (consumer) and under-resourced settings. The overall goal of the strategic conference is to provide opportunities for stakeholders to explore collaborations and synergies to accelerate healthcare system development, validation, deployment and adoption of Point-of-Care (POC) technologies for improving global healthcare at affordable cost.

Along with keynote, panel discussion, and breakout sessions with leaders and stakeholders addressing clinical needs, enabling technologies, regulatory protocols funding opportunities and business models, a limited number of oral and poster presentations will be included in the final program. We invite you to submit a one-page paper for oral presentation in the technical sessions or poster exhibit session in the following thematic areas. All submissions will be reviewed and selected one-page papers will be included in the Program Booklet. All papers presented at the Conference in their expanded required format will be considered for publication in the open-source IEEE Journal of Translational Engineering in Health and Medicine (<http://health.embs.org/>). There will be a comprehensive White Paper generated and published from the conference presentations and panel discussions.

Conference themes to which papers can be submitted:

- Point-Of-Care (POC) Technologies Clinical Translational of Healthcare Innovations
- POC Technologies for Home-Based Applications
- POC Technologies for Slightly Trained Operators
- POC Technologies for Clinical and Healthcare Facilities
- POC Technologies for Intensive-Care Applications
- Personalized, Preventive and Precision Medicine
- Global Healthcare Challenges

Paper Submission Instructions and More Information

NIH-IEEE Strategic Conference website: <http://hipt.embs.org/2015>

Deadlines

Submission of 1-Page Paper: September 1, 2015

Author Notification of Acceptance: October 1, 2015

Early Conference Registration Opens: September 1, 2015