



IEEE-NIH 2016

Special Topics Conference

on Healthcare Innovations and Point-of-Care Technologies

Mexico, November 9-11, 2016

CasaMagna Marriott Cancun Resort

Keynote Speaker

Roderic Pettigrew, MD, PhD
Director, NIBIB, NIH

Invited Speakers and Panelists

Steve Schachter, MD,
CIMIT, Harvard Medical
School

Jim Gallarda, PhD, Gates
Foundation

Julian Goldman, MD, MGH
and Partners HealthCare

Paul Pearlman, PhD, NCI

Jie Chen, PhD, University of
Alberta, Canada

Erica Forzani, PhD, Arizona State
University

Conference Co-Chairs

Atam P Dhawan, PhD, NJIT
Paul Pearlman, PhD, NCI

Program Co-Chairs

Ki Chon, PhD, University
of Connecticut

Emilio Sacristan, PhD,
CI3M, Mexico

International Program Co-Chairs

Srini Tridanadpani, MD,
PhD, Emory University

Thomas Penzel, PhD,
Charite Universitätsmedizin
Berlin, Germany

Arturo Forner-Cordero,
PhD, University of São
Paulo, Brazil

Silvestro Micera, PhD,
Ecole Polytechnique
Fédérale de Lausanne,
Switzerland

Program Committee

Tiffani Lash, PhD, NIBIB
Mary Rodgers, PhD, NIBIB
Erin Iturriaga, MSN, NHLBI
Amy Krafft, PhD, NIAID
Christine Kelley, PhD, NIBIB

The IEEE EMBS Special Topic Conference on Healthcare Innovations & Point-of-Care Technologies will be held in Mexico from 9-11 November 2016. This conference will focus on healthcare innovations and point-of-care technologies, and their clinical translation to address challenges in global quality healthcare. The proposed conference will provide an international forum with clinicians, healthcare providers, industry experts, innovators, researchers and students to define clinical needs and technology solutions towards commercialization and translation to clinical applications across different environments and infrastructures. Panel discussions and open forum sessions along with research presentations will focus on the development, clinical translation, 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.

Conference themes would include a topical coverage of (but not limited to):

- Healthcare Innovations: Devices, Systems and Services with applications to monitoring, diagnosis, therapeutic, surgical, emergency care and interventional protocols.
- Point-Of-Care (POC) Technologies Clinical Translational of Healthcare Innovations and POC technologies
- POC Technologies in Under Resources Settings
- Lab-on-a-chip
- Devices for Molecular Epidemiology
- Compliance and Acceptance of POC Technologies
- Evidence-based Medicine
- Personalized, Preventive and Precision Medicine
- mHealth Innovations
- Wireless Communications and device data control and fusion
- Critical Care
- Medical and Healthcare Data Communication, Security, Privacy
- Infrastructure Independent Care
- Integration of innovations and point of care diagnostic devices into systems of healthcare
- Regulatory challenges (US and International)
- Global Healthcare Challenges

Important Dates:

4-page papers

Submission opens:
May 9, 2016

Submission deadline:
July 29, 2016

Accept / reject notification:
August 19, 2016

Final submission deadline:
September 2, 2016

Student Paper Award

Submission deadline: **July 29, 2016**

1-page papers

Submission opens:
May 15, 2016

Submission deadline:
August 15, 2016

Accept / reject notification:
August 17, 2016

Final submission deadline:
September 2, 2016

Hotel Reservation

Group Rate Cut Off:
October 8, 2016

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GATES foundation

Conference website: <http://hipt.embs.org>