

PowerMEMS

Boston 2015

MASSACHUSETTS

DECEMBER 1 - 4

Call for Papers!

PowerMEMS welcomes abstracts addressing innovation in micro- and nano-scale technologies for power generation and energy conversion. All energy domains are of interest, including but not limited to electrical, fluidic, gravitational, hydraulic, magnetic, mechanical, nuclear, optical, piezoelectric, photovoltaic, pneumatic, thermal, and x-ray.

Engineering Science

- Catalysis and combustion
- Energy conversion physics and devices
- Energy storage
- Engineered and nanostructured materials for energy conversion
- Fabrication for energy systems
- Heat and mass transfer in energy systems
- Power electronics
- Tribology

Applications

- Biologically inspired systems
- Coolers, heaters, and thermal management
- Electron, ion, and photon sources
- Energy harvesting devices and systems
- Energy management, system integration, and energy aware systems
- Fuel cells, reactors, combustors, and heat engines
- Pumps, motors, and generators
- RF energy conversion
- Thrusters and propulsion systems



www.powermems.org

Confirmed Plenary Speakers:

Gang Chen, Ph.D.
Massachusetts Institute of Technology, USA

Isaku Kanno
Kobe University, JAPAN

Hans W.P. Koops
HaWilKo GmbH, GERMANY

Evelyn Wang
Massachusetts Institute of Technology, USA

Robert Wood
Harvard University, USA

Conference Chairs:

Carol Livermore
Northeastern University

Luis Fernando Velásquez-García
Massachusetts Institute of Technology

PowerMEMS School:

Hanseup Kim
University of Utah

Conference Location:

Royal Sonesta Hotel
40 Edwin Land Boulevard
Cambridge, MA USA

Important Dates and Deadlines:

Call for Abstracts

Deadline:
July 14, 2015

Author Notification:
August 26, 2015

Early Bird Registration
Deadline:
September 10, 2015

Final Papers Due:
September 22, 2015

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