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

You can email inquiries to: info@powermems.org