

The 2nd International Conference on

Nanogenerators and Piezotronics

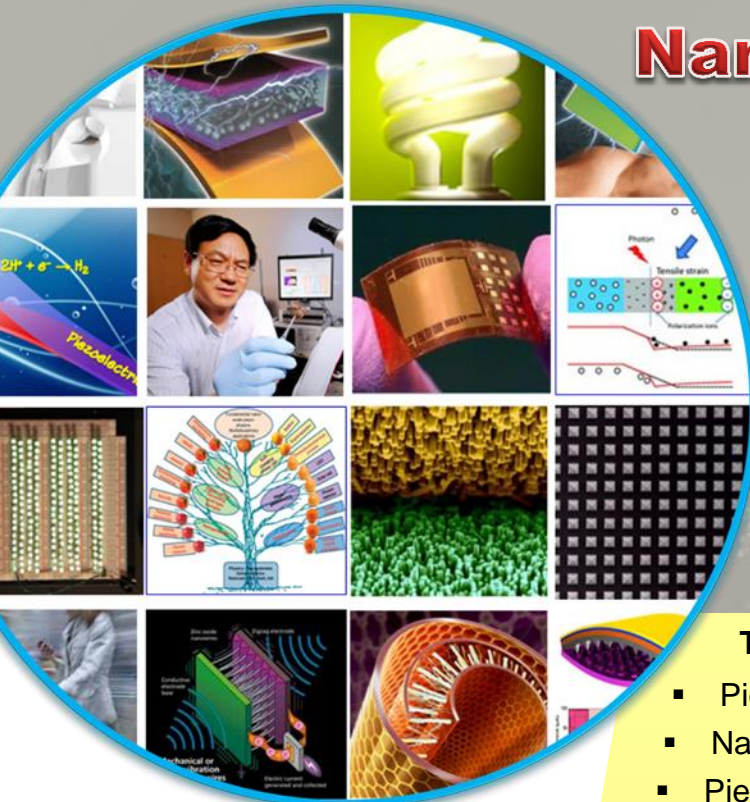
NGPT 2014

Meeting Date: June 9-11, 2014

Meeting Location: Georgia Tech
Atlanta, GA, USA

Submit Abstract by: Jan. 31, 2014

<http://www...../>



Organizing Chairs:

Zhong Lin (ZL) Wang (Georgia Tech)
Xudong Wang (Univ. Wisconsin)

Meeting Committee:

Christian Falconi (U. Tor Vergata, Italy)
Jianhua Hao (HK Polytechnic U.)
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Magnus Willander (Linköping U., Sweden)
Hongqi Xu (Lund U., Sweden)
Yue Zhang (USTB, China)

Theme I. Nanogenerators:

- Piezoelectric nanomaterials
- Nano-scale piezoelectric effect
- Piezoelectric nanogenerators as power source
- Nano-scale triboelectric effect
- Triboelectric nanogenerators for mobile electronics
- Hybrid energy cell technology
- Integration of power conversion and storage
- Power source for flexible electronics
- Self-powered devices/systems
- Nanogenerators as active sensors
- Modeling of electromechanical processes

Theme II. Piezotronics:

- Piezotronic effect
- Piezo-phototronic effect
- Piezotronic transistors and systems
- Piezotronic effect in energy science
- Piezocatalysis
- Piezotronic electrochemistry
- Materials for piezotronics and piezo-phototronics
- Interfacing piezotronics with biology/medicine
- Interfacing piezotronics with CMOS technology
- Piezotronics for sensors, MEMS and human-machine interface

