

NGPT 2016

**3rd International Conference
on Nanogenerators and Piezotronics**
Rome, June 15-17, 2016

KEYNOTE SPEAKERS



Zhong Lin Wang

**Piezotronics for intelligent systems and
nanogenerator for self-powered systems
and large-scale blue energy**

*Georgia Institute of Technology, USA
Beijing Institute of Nanoenergy and Nanosystem,
Chinese Academy of Sciences, China*
<http://www.nanoscience.gatech.edu/>



Sang-Woo Kim

**Low-Dimensional Materials-Based
Nanogenerators**

*Sungkyunkwan University
(SKKU), Republic of Korea*
<http://nesel.skku.edu>



Luigi G. Occhipinti

**Energy harvesting and storage solutions for
wearable electronics applications in healthcare
and ambient assisted living**

University of Cambridge, United Kingdom
[http://www-large-area-
electronics.eng.cam.ac.uk/dr-luigi-occhipinti/](http://www-large-area-electronics.eng.cam.ac.uk/dr-luigi-occhipinti/)

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INVITED SPEAKERS (CONFIRMED)



Mehmet Bayindir

**Kilometer-long piezoelectric nanoribbons for
artificial skin and energy generation**

Bilkent University, Turkey

<http://unam.bilkent.edu.tr/bg>



Lucia Beccai

**Energy harvesting and sensing based on soft
triboelectric composites and flexible surfaces**

Istituto Italiano di Tecnologia (IIT)

<http://www.iit.it/en/people/lucia-beccai.html>



Massimo De Vittorio

**Soft piezoelectric MEMS
for fluid flow energy harvesting**

Istituto Italiano di Tecnologia
& Università del Salento

<https://www.iit.it/it/persone/massimo-devittorio.html>

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Christian Falconi

**Material science and electronics
for nanogenerators and piezotronics**

University of Rome Tor Vergata – IDASC CNR
<http://next.uniroma2.it/>



Jianhua Hao

**Coupling magnetic field to piezophotonics and
triboelectric nanogenerator.**

The Hong Kong Polytechnic University
<http://ap.polyu.edu.hk/apjhhao/>



Jr-Hau He

Paper Triboelectric Nanogenerators

King Abdullah University of Science and
Technology, Saudi Arabia
<https://nanoenergy.kaust.edu.sa/Pages/Home.aspx>

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Jung Ho Kim

**Triboelectric-Driven Electrochemical
Polymerization of Poly(3,4-ethylenedioxythiophene)
for Supercapacitors**

University of Wollongong, Australia

<https://scholar.google.com/citations?user=LEq2zHQAAAJ&hl=en>



Sang Ouk Kim

**Nanoscale Assembly & Chemical Modification
of Graphene Based Materials**

KAIST, Republic of Korea

<http://snml.kaist.ac.kr>



Keon Jae Lee

Self-powered Flexible Electronic Systems

KAIST, Republic of Korea

<http://fand.kaist.ac.kr/>

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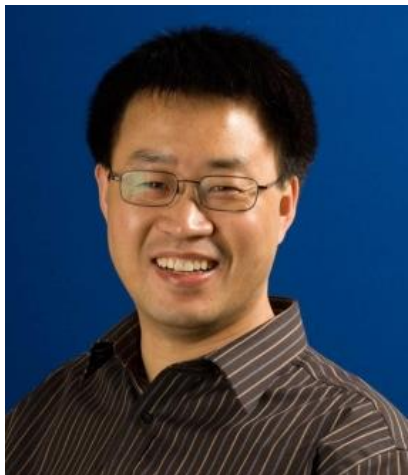
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Chuan-Pu Liu

**Enhancement of Piezotronic Effects
Through Alloying in Compounds**

National Cheng Kung University, Taiwan
<http://web.mse.ncku.edu.tw/~nanosemi/>



Huiyun Liu

**GaAsP Nanowires and Nanowire Devices grown
on Silicon Substrates**

University College London, UK
<http://www.ee.ucl.ac.uk/staff/academic/hliu>



Max Migliorato

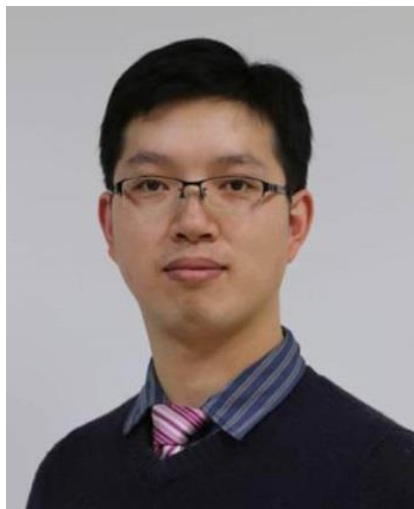
2D materials in the NGPT world

University of Manchester
<http://www.manchester.ac.uk/research/max.migliorato/>

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Caofeng Pan

**Mapping strain/pressure
with nanowire light-emitting-diode arrays
by piezo-phototronic effect**

Beijing Institute of Nanoenergy and Nanosystems,
Chinese Academy of Sciences

<http://piezotronics.binncas.cn/index%20en.php>



Yong Qin

Energy harvesting using piezoelectric nanowires

Lanzhou University, China

<http://yqin.lzu.edu.cn>



Evan Reed

**Emergent electromechanical effects
in 2D and layered materials**

Stanford University, USA

<http://web.stanford.edu/~evanreed>

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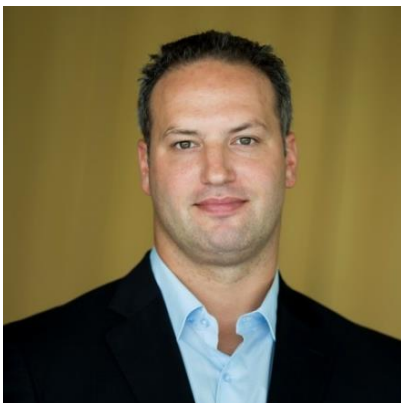


Jungho Ryu

**Magnetic Energy Harvesting
by Magnetoelectric Composites**

KIMS

[http://scholar.google.es/citations?
user=R11Pr1YAAAAJ&hl=en](http://scholar.google.es/citations?user=R11Pr1YAAAAJ&hl=en)



Henry A Sodano

**ZnO Nanowires Interface for Multifunctional
Energy Harvesting Composites**

University of Michigan

[http://www.engin.umich.edu/college/about/
people/profiles/p-to-t/henry-sodano](http://www.engin.umich.edu/college/about/people/profiles/p-to-t/henry-sodano)



Xudong Wang

**Interfacing between piezotronics and
electrochemical systems**

University of Wisconsin-Madison

<http://nanoscience.engr.wisc.edu>

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Wenzhuo Wu

**Piezotronics in two-dimensional piezoelectric
semiconductors**

Purdue University

<https://sites.google.com/site/wwznanomanufacturing>



Rusen Yang

**Investigation of Piezoelectric Diphenylalanine
Peptide Nanostructures**

University of Minnesota

<http://www.me.umn.edu/labs/nstl/index.shtml>



Jun Bo Yoon

**Triboelectric Nanogenerator
Using Nanograting templates**

KAIST

<http://MEMS.kr>

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Junyi Zhai

Piezo-phototronic Materials and Devices

Beijing Institute of Nanoenergy and Nanosystem,
Chinese Academy of Sciences, China
[http://english.binn.cas.cn/pe/fs/Professors/
201407/t20140716_124551.html](http://english.binn.cas.cn/pe/fs/Professors/201407/t20140716_124551.html)



Haixia (Alice) Zhang

Self Powered Smart Skin

Institute of Microelectronics, Peking University, China
<http://www.ime.pku.edu.cn/alice>



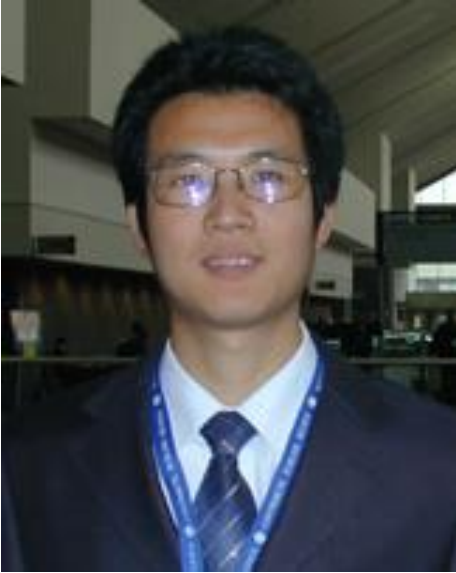
Yue Zhang

**Electromechanical and photoelectrical
micro/nano energy conversion systems**

University of Science and Technology Beijing
[http://mse.ustb.edu.cn/shiziduiwu/shiziduiwu/
cailiaowuliyuhuaxuexi/2014-08-05/104.html](http://mse.ustb.edu.cn/shiziduiwu/shiziduiwu/cailiaowuliyuhuaxuexi/2014-08-05/104.html)

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Jun Zhou

Electret and Piezoelectret Generator

Huazhong University of Science and Technology
<http://www.researcherid.com/rid/E-1511-2014>