

# IEEE RFID 2013



Orange County Convention Center, Orlando, FL • April 30 - May 2, 2013  
[www.ieee-rfid.org/2013](http://www.ieee-rfid.org/2013)

## NEW TOPICS AT IEEE RFID 2013

Radio frequency identification (RFID) is an exciting multidisciplinary field with numerous applications. The 2013 IEEE International Conference on RFID is the premier conference for exchanging all technical research in RFID. The conference attendance boasts an outstanding mix of practitioners and researchers from industry and academia. IEEE RFID 2013 is an opportunity to share, discuss, and witness research results in all areas of RFID technologies and their applications.

IEEE RFID 2013 is proud to present three new focus topics:

### POWER HARVESTING



- ambient RF and efficient multi-antenna power harvesting
- improvements in kinetic and acoustic energy harvesting
- advances in thermal, optical and chemical power harvesting
- threshold voltage limitations of diode-based harvesters
- analysis and design of power-optimized waveforms
- power-assisted semi-passive devices

**Chair:** Joshua R. Smith  
(Univ. of Washington)

**More info at:**  
<http://2013.ieee-rfid.org/new-topics/>

### NEXT GENERATION PHYSICAL LAYER



- MIMO and diversity techniques
- higher-order modulation schemes
- ultra-wideband and hybrid architectures
- cognitive and software-defined radios
- microwave, millimeter-wave, and harmonic backscattering
- co-existence and synergy effects with existing standards

**Chair:** Zhuo Zou  
(KTH)

**More info at:**  
<http://2013.ieee-rfid.org/new-topics/>

### RFID IN BIO-MEDICAL APPLICATIONS



- implantable passive and semi-passive sensor components
- antenna/system design for biomedical applications
- array/system design for focusing magnetic/electric power within living tissue/specific absorption rate analyses
- system performance analyses near/in biological tissues/fluids
- biological and psychological aspects of implantable sensors

**Chair:** Gaetano Marrocco  
(Univ of Rome Tor Vergata)

**More info at:**  
<http://2013.ieee-rfid.org/new-topics/>

### Submission Information:



IEEE RFID 2013 accepts original papers of up to 8 pages in length, formatted in the IEEE conference style. Papers will be reviewed in a double-blind review process and published in IEEE Xplore®.

<http://2013.ieee-rfid.org/>

### IMPORTANT DATES:

Jan 18, 2013

Paper submission due: ~~Dec 14, 2012~~

Publication-ready version: **Mar 29, 2013**

Conference: **Apr 30 - May 2**

CRFID Member Societies:

