

Special Session on

“Devices and circuits for industrial energy harvesting and low-power sensing”

Organized by

- **Yunjia Li,**
Xi'an Jiaotong University, China
email: liyunjia@xjtu.edu.cn
- **Kai Tao,**
Northwestern Polytechnical University, China
email: taokai@nwpu.edu.cn
- **Zeyu Cai,**
NXP Semiconductors, The Netherlands
email: zeyu.cai@nxp.com

Call for Papers

Internet of Things (IoT) pose new challenges to the sensor devices and their power systems. The deployment of large numbers of sensor nodes requires the sensor to work for a sufficient period of time without battery replacement. For this purpose, it is equally important to develop new sensor and circuit solutions, as well as novel technologies for powering the sensors. This special session aims at enhancing the communication on the latest developments in devices, circuits, and systems for industrial energy harvesting and low-power sensing.

Topics of the Session:

- Emerging Sensors and Systems for Industrial Applications
- Energy Harvesting Techniques for Industrial Sensing Applications
- New Analog and Digital Design Techniques for Smart Sensor Readout
- Signal Processing and Transmission for Smart Sensors
- Software and Hardware design for Smart Sensor Systems