

Annual Conference of the IEEE Industrial Electronics Society (IECON 2021)

Special Session on

“Energy harvesting technologies for industrial applications”

Organized by

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Call for Papers

Theme:

One of the major challenges in Internet of Things (IoT) is to power large number of sensor nodes. The limitation of traditional battery-based solution is the huge cost for their installation and replacement on the sensor nodes with ever-growing number, especially in the industrial environment. Therefore, it is important to develop new energy harvesting technologies for powering the sensors. This special session aims at enhancing the communication on the latest developments in devices and systems for industrial energy harvesting techniques.

Topics of interest include, but are not limited to:

- Energy harvesting techniques for industrial sensing applications
- Microfabrication technologies for energy harvesters
- Circuits and system integration of energy harvester devices
- Reliability of energy harvester devices
- New application of energy harvester devices

Submissions Procedure: All the instructions for paper submission are included in the conference website: <https://attend.ieee.org/iecon-2021/>

Deadlines:

Full paper submission: June 25, 2021

Paper acceptance notification: July 30, 2021

Camera-ready paper submission: Aug. 27, 2021

IEEE IES Technical Committee Sponsoring the Special Session (if any):
TC MEMS and nanotechnologies