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RFID Sensor Tags: Hardware, Implementation, and Demonstrations

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Deadline for manuscript
submissions:

closed (20 September 2019)

Message from the Guest Editors

Recently, RFID tags have gained a great deal of interest as platforms for energy-efficient wireless sensors thanks to their battery-free operation and energy efficient tag-to-reader communication by the means of modulated scattering.

To progress the state-of-the-art in the field, we solicit original research contributions focused on hardware aspects in RFID sensor tags and their readout methods, including (but not limited to) sensors and actuators, antennas, circuits and systems, materials and manufacturing techniques, and experimental demonstrations.

Keywords

- NF RFID
- Passive UHF RFID
- Chipless RFID
- Additive manufacturing
- Wireless Sensors
- Antennas
- Energy harvesting
- Wireless power transfer

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Special Issue



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Message from the Editor-in-Chief

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