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RFID Sensor Tags: Hardware, Implementation, and Demonstrations

Guest Editors:

Dr. Toni Bjorninen

Academy of Finland Research Fellow, Tampere University of Technology, Tampere, Finland

Dr. Johanna Virkki

Academy of Finland Research Fellow, Tampere University of Technology, Tampere, Finland

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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-toreader 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

For further reading, please follow the link to the Special Issue Website at:

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Editor-in-Chief

Message from the Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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Sensors Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/sensors sensors@mdpi.com X@Sensors_MDPI