

Special Issue

Passive Electromagnetic Sensors for Autonomous Wireless Networks

Message from the Guest Editors

The contents of this Special Issue deal with progress in the design, modeling and performance evaluation of novel electromagnetic sensors. Fully passive and wireless electromagnetic sensors are actually very good candidates for measuring physical or chemical quantities in harsh environments and/or for applications requiring sensing devices with low-cost of fabrication, small size and long-term measurement stability. Passive electromagnetic sensing devices convert typically the variation of the quantity of interest (such as, e.g., pressure, temperature or gas concentration) into the measurable variation of an electromagnetic wave descriptor. We invite authors to contribute original research articles, as well as review articles, which stimulate the continuing efforts in innovative solutions for electromagnetic sensors. [...] For further information, please visit http://www.mdpi.com/journal/sensors/special_issues/passive_electromagnetic_sensors.

Guest Editors

Prof. Dr. Hervé Aubert

Laboratoire d'Analyse et d'Architecture des Systemes (LAAS), Centre National de la Recherche Scientifique (CNRS), 7 avenue du Colonel Roche, 31031 Toulouse, France

Dr. Patrick Pons

Laboratoire d'Analyse et d'Architecture des Systemes (LAAS), Centre National de la Recherche Scientifique (CNRS), 31031 Toulouse, France

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

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Message from the Editor-in-Chief

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.

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

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