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Passive Electromagnetic Sensors for Autonomous Wireless Networks

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Deadline for manuscript submissions:
closed (20 February 2019)

Message from the Guest Editors

Dear Colleagues,

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.

Prof. Dr. Hervé Aubert
Dr. Patrick Pons
Guest Editors

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Message from the Editor-in-Chief

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