

Special Issue

Antenna Design and Sensors for Internet of Things

Message from the Guest Editors

The emerging Internet of Things (IoT) paradigm is going to play an important role in modern and future communication systems. Connecting all physical things in IoT will be done by wireless communication networks. The main challenges of communication systems for IoT include the need for reliable connectivity, the great number of frequency bands to support it, energy efficiency and cost. Thus, the antenna system will be a critical part of the smart devices. To make them intelligent, sensors will be added to IoT devices. The main focus of this Special Issue is on the research challenges relating to the design and integration of antennas and sensors for Internet of Things. Potential topics include but are not limited to the following:

- Antennas for IoT; Smart sensors; RFID;
- Miniaturized antennas; Millimeter wave antennas;
- Massive MIMO;
- Reconfigurable and smart antennas;
- Wearables antennas and devices;
- Antenna integration in complex media;
- Characteristic modes theory for antenna design;
- Base station; Handset antenna systems;
- Terminal antennas;
- Machine to machine communications;
- Driverless, connected vehicles;
- Autonomous sensors

Guest Editors

Prof. Dr. Halim Boutayeb

Department of Computer Science and Engineering, University of Quebec in Outaouais, Gatineau, QC J8X 3X7, Canada

Dr. Divitha Seetharamdoo

Laboratoire Électronique Ondes et Signaux pour les Transports (LEOST), University Gustave Eiffel, 59650 Villeneuve d'Ascq, France

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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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