

Special Issue

Recent Advances in Backscatter Communications

Message from the Guest Editor

This Special Issue “Recent Advances in Backscatter Communications” aims to present recent developments in backscatter communications. In light of the increasing interest in this topic, this Special Issue will focus on but will not be limited to the following topics of interest:

- RFID/ambient backscattering technologies and architecture;
- RF energy harvesting in backscattering networks;
- Detection and interference management in backscattering networks;
- Performance evaluation of backscattering networks;
- Experiments and prototypes;
- Applications of backscattering;
- Channel estimation in backscattering networks;
- Multiple access for backscattering devices;
- Optimization of backscattering networks;
- Learning data-driven strategies for backscattering networks.

Guest Editor

Dr. Donatella Darsena

Department of Engineering, University of Naples Parthenope, Napoli, Italy

Deadline for manuscript submissions

closed (30 December 2020)



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

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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