



## Next Generation of Microwave and Millimetre-Wave Systems for Environmentally Friendly and Sustainable Telecommunications and Energy-Harvesting Systems

Guest Editors:

**Dr. Martino Aldrigo**

National Institute for Research and Development in Microtechnologies – IMT Bucharest, 077190 Voluntari (Ilfov), Romania  
martino.aldrigo@imt.ro

**Dr. Diego Masotti**

Department of Electrical, Electronic, and Information Engineering “Guglielmo Marconi”, University of Bologna, 40136 Bologna, Italy  
diego.masotti@unibo.it

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue will comprise papers covering a wide range of sciences, spanning from electrical/electronic/information engineering to materials science and chemistry, to support sustainable telecommunications systems. Topics include (but are not limited to):

- New/novel sustainable materials for low-power applications (e.g., ferroelectrics, metal-insulator transition oxides etc.);
- Carbon-based electronics (monolayer/multilayer graphene, carbon nanotubes, etc.);
- New/novel energy-harvesting and wireless power transfer techniques;
- Sustainable material-based energy storage systems;
- Life-cycle analysis of sustainable materials;
- End-user electronics for agriculture;
- Transport, industry, households, etc. based on “green” materials;
- Advanced modelling techniques of microwave/millimetre-wave propagation using low-power emitters/receivers for 5G (and beyond) wireless systems.

Dr. Martino Aldrigo

Dr. Diego Masotti

*Guest Editors*





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### Prof. Dr. Marc A. Rosen

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Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

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