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Antenna Measurement Techniques and Sensor Systems

Guest Editor:

Prof. Dr. Manuel Sierra Castañer
Information Processing and Telecommunications Center, Universidad Politécnica de Madrid, 28040 Madrid, Spain

Deadline for manuscript submissions:
closed (30 November 2021)

Message from the Guest Editor

Dear Colleagues,

New communication systems as 5G, Internet of Things, automotive systems require the development of novel antennas and sensors at higher frequencies and much more integrated in the RF system. There is a clear need of research in RF new measurement techniques, including electromagnetic data acquisition systems, near to far field transformation, electromagnetic source reconstruction, phase recovery, reduction of undesired effect, extrapolation of field, among others. OTA (over the air) systems are becoming necessary in the measurement of more complex systems including sensor networks, automotive, 5G or EMC.

This special issue invites novel research contributions in the previous areas. The topics covered by the issue includes (but is not limited to):

- New Acquisition techniques.
- Measurement using drones / UAV.
- OTA measurements
- Automotive Measurements.
- 5G measurements
- EMC measurements
- RADAR antennas measurements.
- New near field transformation techniques.
- Post processing techniques in antenna measurements
- Source reconstruction techniques
- Extrapolation of radiation pattern
- Phaseless measurements

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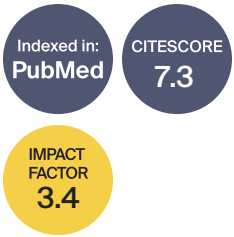

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Editor-in-Chief

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

Message from the Editor-in-Chief

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Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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