

## Special Issue

# New Trends for Millimeter-Wave Antennas and Devices: Design, Manufacturing, and Measurement for the 5G Era and Beyond

### Message from the Guest Editors

In this Special Issue, researchers from both academia and industry are invited to contribute with their innovative research and future trends for millimeter and submillimeter-wave communication systems. This Special Issue will ignite an important discussion within *Sensors* MDPI resulting in the fundamental research of new technologies that will enable the next generation of communication systems. Potential topics include but are not limited to the following:

- New communication systems at millimeter-wave frequencies;
- Technology and system architectures at millimeter-wave frequencies;
- New technologies and techniques for millimeter-wave device design and development;
- New additive manufacturing techniques in millimeter and submillimeter-wave bands;
- Antenna design and technical solutions for millimeter and submillimeter-wave communication systems;
- Measurement techniques at millimeter and submillimeter-wave frequency bands;
- Millimeter-wave over-the-air (OTA) measurements (anechoic and reverberation chambers).

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### Guest Editors

Dr. Adrián Tamayo-Domínguez

Dr. Pablo Sanchez-Olivares

Dr. José M. Fernández-González

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### Deadline for manuscript submissions

closed (30 April 2022)



## Sensors

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## About the Journal

### 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.

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### Editor-in-Chief

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