

## Special Issue

# Advanced Antenna Technologies for B5G and 6G Applications

### Message from the Guest Editor

Following the official roll-out of 5G at the beginning of the decade, the research related to beyond-5G (B5G) and 6G technology is currently picking up speed. The millimetre-wave (mm-wave) part of the spectrum is especially in focus. This Special Issue addresses the current state-of-the-art of B5G and 6G antenna research from both academia and industry. Researchers are invited to submit their original contributions on topics including but not limited to the following:

- Multi-beam millimetre-wave antennas;
- Fully digital millimetre-wave antennas;
- Antennas for joint communication and sensing (JCAS);
- Antennas for non-terrestrial B5G and 6G;
- Antennas for power-efficient mm-wave communications;
- Antenna-electronics co-design;
- Antennas with co-integrated photonics;
- Antenna integration technology/antenna-in-package.

Review papers that cover the subjects of this Special Issue are also welcome. Submissions should be of high quality, suitable for an international journal, and should not have been submitted or published elsewhere.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 July 2024)



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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