

## Special Issue

# Broadband High-Power Millimeter-Wave and Terahertz Devices

### Message from the Guest Editors

This Special Issue will highlight recent advancements in the analysis, design, and application of broadband high-power millimeter-wave and terahertz technologies. Possible topics include, but are not limited to, the following:

- Electromagnetic field theory;
- Electromagnetic modeling;
- Inverse design and AI in broadband high-power millimeter-wave/THz design;
- Multi-physics simulation and analysis;
- The rapid analysis and computation of large electronic dimensions;
- Broadband high-power millimeter-wave/THz waveguide components and transmission lines; quasi-optical technology; antennas/arrays; metamaterials/metasurfaces; sources, devices, and systems; materials; breakdown; measurement techniques; modules; power conditioners, modulators, and supplies; device and system integration; system (radars, communications, and counteraction); system and subsystem reliability; sensing;
- Thermal power management and control;
- High-power millimeter-wave/THz devices in biology and medicine.

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### Guest Editors

Dr. Zewei Wu

Dr. Fan Wu

Dr. Song Li

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### Deadline for manuscript submissions

31 July 2025



## 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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