



## Millimeter-Wave Integrated Circuits and Systems for 5G Applications, Volume II

Guest Editors:

**Prof. Dr. Kiat Seng Yeo**

**Dr. Forest Xi Zhu**

**Prof. Dr. Xiaopeng Yu**

**Dr. Yuanjin Zheng**

Deadline for manuscript  
submissions:  
**closed (31 March 2023)**

### Message from the Guest Editors

The main aim of this Special Issue is to disseminate the latest findings, new research developments, and future trends and innovations in MMW integrated circuits and systems for 5G applications. Regarding Volume I, please refer to the following link ([https://www.mdpi.com/journal/electronics/special\\_issues/MMW](https://www.mdpi.com/journal/electronics/special_issues/MMW))

The papers considered for possible publication may focus on but are not necessarily limited to the following areas:

- MMW circuits, such as low-noise amplifiers, mixers, voltage-controlled oscillators, power amplifiers, variable gain amplifiers, etc.;
- MMW architectures, systems and subsystems, such as receivers, transmitters, transceivers, phase-locked loops, frequency synthesizers, multistandard transceivers, digital radio, etc.;
- MMW passive structures such as transformers, hybrid couplers, filters, baluns, switches, antennas, etc.;
- MMW digital baseband; MMW data converters; wireless communication systems; wideband integrated circuits and systems; low-power and energy-efficient MMW digital systems;
- Advanced MMW ICs; emerging MMW nanoscale CMOS ICs; MMW 3D integrations; MMW SiP and SOC.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

## Contact Us

---

*Electronics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/electronics](http://mdpi.com/journal/electronics)  
[electronics@mdpi.com](mailto:electronics@mdpi.com)  
[X@electronicsMDPI](https://x.com/electronicsMDPI)