



## Antenna Design for Microwave and Millimeter Wave Applications III: Latest Advances and Prospects

Guest Editor:

**Prof. Dr. Hosung Choo**

School of Electronic and  
Electrical Engineering, Hongik  
University, Seoul 04066, Republic  
of Korea

Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### Message from the Guest Editor

Dear Colleagues,

Until recently, substantial efforts have been devoted to new approaches and attempts in the design of antennas for microwave and millimeter-wave applications. For example, advanced technologies such as antenna miniaturization, array optimization, and bandwidth enhancement have been extensively studied for over a decade, and are being applied to commercial applications such as 4G/5G mobile communications, autonomous driving, or military applications including radar, direction finding, and anti-jamming.

However, as these technologies have recently been employed in small mobile devices, the size and geometry of the antennas are more limited so that they can be mounted in a more compact space with better radiation performance.

This Special Issue aims to collect relevant papers describing the latest advances and prospects in antenna design for microwave and millimeter-wave applications. The fields of interest for this Special Issue include, but are not limited to, design methods of antennas such as miniaturization, optimization, and array. You are invited to submit a contribution of either an original research article or a review article to this Special Issue.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## 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), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

Applied Sciences Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](#)