



## Design and Measurement of Integrated Antenna

Guest Editors:

**Prof. Dr. Fabien Ferrero**

Université Côte d'Azur, 439710  
Nice, France

**Dr. Le Huy Trinh**

Department of Computer  
Engineering, University of  
Information Technology, Vietnam  
National University Ho Chi Minh  
City, Ho Chi Minh City 700000,  
Vietnam

Deadline for manuscript  
submissions:  
**closed (28 February 2021)**

### Message from the Guest Editors

Tens of billions of connected objects are going to be fabricated in the next decade and will be driving a digital revolution, such as the Internet of Things (IoT), Industry 4.0, and Smart Cities. Antennae will be a key element of the global performance of such a system. A smart and strong integration of the radiating element in the terminal is essential to enable low-cost, long-range, and robust wireless communication. This Special Issue will focus on techniques for the design and measurement of miniature and integrated antennae. Innovative design and fabrication methods based on characteristic modes, matching circuit, optimal current, reconfigurable radiating elements, new material, and 3D printed antennae are especially targeted. The Special Issue will also aim at contributions on new measurement techniques enabling cable-less antenna characterization or performance extraction in a real environment.

Keywords:

- Integrated antenna
- Antenna for IoT
- Reconfigurable antenna
- Antenna measurement
- OTA
- Small antenna
- Characteristic mode
- Matching circuit
- 3D printed antenna
- Multistandard antenna





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, St. Alban-Anlage 66  
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://twitter.com/electronicsMDPI)