



## Nitride Semiconductor Devices and Applications

Guest Editors:

**Prof. Dr. Weijun Luo**

1. Institute of Microelectronics of  
the Chinese Academy of  
Sciences, Beijing 100029, China  
2. University of Chinese Academy  
of Sciences, Beijing 100029,  
China

**Dr. Yangfeng Li**

College of Semiconductors  
(College of Integrated Circuits),  
Hunan University, Changsha  
410082, China

### Message from the Guest Editors

This Special Issue on “Nitride Semiconductor Devices and Applications” focuses on nitride semiconductor growth and characterization, nitride semiconductor devices, and their application circuits. The main goal of Special Issue is to highlight new scientific knowledge relevant, but not limited, to:

- Nitride semiconductor epitaxy growth and characterization;
- Nitride semiconductor devices: RF/power/LED/LD, etc.;
- RF application circuits: PA, LNA, Switch, etc.;
- Power IC: DC/DC converter, inverter, driver, etc.

Deadline for manuscript  
submissions:

**31 May 2024**





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 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic 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)