

## Special Issue

# High-Density Solid-State Memory Devices and Technologies

### Message from the Guest Editors

The relevance of solid-state memory technologies in the world of electronics is on the constant rise. Due to their continuously increasing integration density and their unmatched performance, solid-state memory technologies are currently not only gaining importance in the arena of data storage but are also offering the opportunity for new memory-centric computing scenarios. 3-D NAND Flash memory, phase-change memory (PCM), resistive random-access memory (ReRAM), magnetoresistive random-access memory (MRAM), and ferroelectric memory are the most important players at the heart of this memory revolution, along with dynamic random-access memory (DRAM) and static random-access memory (SRAM).

### Guest Editors

Prof. Dr. Christian Monzio Compagnoni

Dipartimento di Elettronica, Informazione e Bioingegneria, Politecnico di Milano, Milan, Italy

Prof. Dr. Riichiro Shirota

Department of Electrical and Computer Engineering, National Chiao Tung University, Hsinchu 300, Taiwan

### Deadline for manuscript submissions

closed (30 September 2021)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 5.3



[mdpi.com/si/61929](https://mdpi.com/si/61929)

*Electronics*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

[mdpi.com/journal/  
electronics](https://mdpi.com/journal/electronics)





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 5.3



[mdpi.com/journal/  
electronics](https://mdpi.com/journal/electronics)



## 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.

---

### Editor-in-Chief

Prof. Dr. Flavio Canavero

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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /  
SciFinder, Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Control and  
Systems Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 16.4 days after  
submission; acceptance to publication is undertaken in 2.4  
days (median values for papers published in this journal in  
the second half of 2024).