

## Special Issue

# Imaging Based Material Characterization of Electronics and Their Applications

### Message from the Guest Editor

This Special Issue aims to provide an excellent forum for scientists and engineers to share and exchange their latest contributions on the imaging base material characterizations of electronics and their applications. Within this context, original articles as well as insightful review articles are expected. **Keywords:**

- Complex/functional materials,
- New imaging method development, Combination of multiple supplemental characterization,
- Eco-design, Recycling, Material Processing
- Process optimization/intensification
- Multiphase flows (e.g. liquid-gas flows, liquid-solid flows)
- Neutrons, X-rays
- *In-situ*/Operando measurement
- Tomography/radiography
- Magnetic resonance imaging
- Automated image analysis
- Electron microscope (e.g. SEM, TEM)

*Welcome to contribute!*

---

### Guest Editor

Dr. Akira Otsuki

Facultad de Ingeniería y Ciencias, Universidad Adolfo Ibáñez, Diagonal Las Torres 2640, Peñalolén 7941169, Santiago, Chile

---

### Deadline for manuscript submissions

closed (31 January 2022)



# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/24357](http://mdpi.com/si/24357)

*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
electronics@mdpi.com

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





# Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/journal/  
electronics](http://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 guestedited 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), CAPIPlus / SciFinder, Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /  
CiteScore - Q1 (Electrical and Electronic 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 2.6 days (median values for papers published in this journal in the second half of 2025).

