

## Special Issue

# Vacuum Electronics: From Micro to Nano

### Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome to be submitted. Research areas may include, but are not limited to, the following:

- Vacuum electronics, vacuum electron devices, and related micro-systems using advanced micro-fabrication technology, including semiconductor processing and MEMS such as Nano-CNC, LIGA, UV-LIGA, DRIE, micro-plating, etc.
- The related components, parts, materials, structures, devices, and microsystems include nano-gap devices, field emission cathodes, nano-material thermionic cathodes, electron gun, waveguides, slow wave structure, RF windows, carbon-based materials, power devices, switchers, quantum frequency-standard devices, atomic clock, nano-materials for high thermal conductivity and high RF absorption, nano-particle magnets, chip-scale devices, high-frequency THz devices, and related micro-module and micro-systems.

I look forward to receiving your contributions.

### Guest Editors

Dr. Xianlong Wei

Prof. Dr. Jinjun Feng

Prof. Dr. Juncong She

Prof. Dr. Cunjun Ruan

### Deadline for manuscript submissions

31 October 2025



## Electronics

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

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## 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.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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