

Special Issue

Selected Papers from the International Electron Devices & Materials Symposium 2021 (IEDMS 2021)

Message from the Guest Editors

IEDMS 2021 is the 26th International Electron Devices and Materials Symposium sponsored by The Electronics Devices and Materials Association and National Cheng Kung University. This conference offers an annual platform for international scientists, engineers, and researchers to present the latest research results, ideas, developments, and applications in electron devices and materials. IEDMS 2021 will be hosted by National Cheng Kung University from 18 to 19 November 2021 in Tainan City, Taiwan. Selected papers will be recommended to related SCI journals for a Special Issue publication, such as *Electronics*. Topics of interest for this Special Issue include but are not limited to:

- Compound semiconductor materials and devices;
- Novel materials including 2D, nanotubes, nanosheet-based materials, and related applications;
- Si-based processing, devices, and integration, including Si, SiC, SiGe, Ge-based technology;
- Photonic materials/devices;
- Novel device concepts and applications such as flexible electronics;
- Integrated solid state sensors for physical, chemical, and biomedical detection;
- Device simulation and modeling.

Guest Editors

Prof. Dr. Wei-Chou Hsu

Prof. Dr. Yon-Hua Tzeng

Prof. Dr. Shoou-Jinn Chang

Prof. Dr. Meng-Hsueh Chiang

Dr. Sheng-Po Chang

Deadline for manuscript submissions

closed (31 May 2022)



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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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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).