

Special Issue

Electronic Materials and Sensors Innovation and Application

Message from the Guest Editors

The 9th IEEE International Conference on Applied System Innovation 2023 (IEEE ICASI 2023, <https://2023.icasi-conf.net/>) will be held in Chiba, Tokyo, Japan on April 21–25, 2023, and will provide a unified communication platform for a wide range of topics. The scopes of iTIKI IEEE ICASI 2023 not only encompass material sizes at the nanoscale, but also various dimensions where the onset of size-dependent phenomena usually enables novel applications.

This Special Issue selects excellent papers from iTIKI IEEE ICASI 2023 and covers fundamental materials of electrical and optical engineering, including their synthesis, engineering, integration with many elements, designing of electrical or optical devices, evaluation of various performances, and exploring their broad applications, such as in industry, environmental control, material analysis, etc. We invite investigators to contribute original research articles, as well as review articles, that will stimulate continuing efforts to understand microelectronic and optical sensors.

Guest Editors

Prof. Dr. Sheng-Joue Young

Prof. Dr. Liang-Wen Ji

Dr. Yi-Hsing Liu

Dr. Stephen D. Prior

Dr. Zi-Hao Wang

Deadline for manuscript submissions

closed (30 June 2023)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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