

**SPECIAL ISSUE ON MATERIALS, DEVICES, CIRCUITS, AND ANALYTICAL METHODS
FOR VARIOUS SENSORS (SELECTED PAPERS FROM ICSEVEN 2021): PART 1**

PREFACE



The era of ubiquitous sensing has recently begun thanks to the rapid development of the Internet of Things (IoT). Sensors are essential components of automotive electronic systems used in modern applications including smart industries, smart cities, smart cars, robots, and smart homes.

This special issue focuses on materials, devices, circuits, and analytical methods for various sensors. The topics include all aspects of research and development related to sensors and materials, sensor circuits, readout circuits, analytical software, and sensor applications. We selected very interesting papers on sensors with special materials, circuits, and/or software to achieve advanced sensing functions for some niche sensor markets.

We would like to thank all the authors who participated in this special issue as well as the reviewers for their helpful support. We also thank Ms. M. Sakano of MYU K.K. for her kind support in the publication of this issue.



Chien-Jung Huang
Department of Applied Physics
National University of Kaohsiung
Taiwan, R.O.C.

Cheng-Hsing Hsu
Department of Electrical Engineering
National United University
Taiwan, R.O.C.



Ja-Hao Chen
Department of Communications Engineering
Feng Chia University
Taiwan, R.O.C.

Wei-Ling Hsu
School of Urban and Environmental Science
Huaiyin Normal University
China