

Sensors and Materials, Special Issue on “Selected papers from IEEE ICKII 2019”

Guest Editors

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Special Issue Information

Dear Colleagues,

2nd IEEE International Conference on Knowledge Innovation and Invention 2019 (IEEE ICKII 2019) will be held in Seoul, South Korea on July 12-15, 2019, and it will provide a unified communication platform for researchers in the topics of information technology, innovation design, communication science & engineering, industrial design, creative design, applied mathematics, computer science, electrical & electronic engineering, mechanical & automation engineering, green technology & architecture engineering, material science and other related fields. In recent years, applications of advanced materials for electronic devices and optical sensors have been fast developing fields. Due to their flexibility and being lightweight for daily use, they have the potential to be deployable. The scope of this special issue covers fundamental materials of electrical, mechanical and optical engineering, including their synthesis engineering, integration with many elements, designs of electrical or optical devices, evaluation of various performances and exploring their broad applications from industry, environmental control, materials analyses, etc. We invite investigators to contribute original research articles, as well as review articles, that will stimulate the continuing efforts to understand electronic device and optical sensors. Potential topics include, but are not limited to:

- Properties of electronic devices and optical sensors
- Advanced materials with new electronic and optical properties
- Advanced materials for preparation and applications
- Subjects related to electronic thin films and coating technology
- Synthesis engineering of advanced materials

- Advanced materials in mechatronics applications
- Internet of things (IoT)* (Environment, food and agriculture, infrastructure, etc.)
- Medical and Health (Wearable, Implantable, etc.)
- Remote Sensing
- Robotics

Schedule

Manuscript Due: November 30, 2019

First Round of Reviews: December 31, 2019

Second Round of Reviews: January 31, 2020

Acceptance of Final papers: March 1, 2020

Publication: May 31, 2020