Sensors and Materials, Special Issue on "Advanced Materials on Electronic and Mechanical Devices and their Application on Sensors"

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Special Issue Information

Dear Colleagues,

In recent years, applications of advanced materials for electronic and mechanical 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 "Advanced Materials on Electronic and Mechanical Devices and their Application on Sensors" covers fundamental materials of electronic, mechanical, and optical engineering, including their synthesis engineering, integration with many elements, designs of electronic 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 and mechanical devices 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) on Sensors
- Medical and Health (Wearable, Implantable, etc.) on Sensors
- Remote Sensing
- Sensors on Robotics

Schedule

Manuscript Due: December 31, 2019
First Round of Reviews: January 31, 2020
Second Round of Reviews: March 1, 2020
Acceptance of Final papers: March 31, 2020
Publication: May 31, 2020