

## *Sensors and Materials, Special Issue on Applications of Advanced Materials on Electronic Devices and Optical Sensors*

### **Guest Editors**

#### **Prof. Teen-Hang Meen, Chair of IEEE Tainan Section Sensors Council**

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#### **Chair Prof. Shoou-Jinn Chang, IEEE fellow**

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Interests: optical and electronic devices; semi-conductive materials; nanotechnology

#### **Dr. Stephen D. Prior**

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### **Special Issue Information**

Dear Colleagues,

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, design 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

### **Schedule**

Manuscript Due: October 31, 2017

First Round of Reviews: November 30, 2017

Second Round of Reviews: January 31, 2018

Acceptance of Final papers: March 1, 2018

Publication: May 31, 2018