

# Special Issue

## Gas Sensors - 2013

### Message from the Guest Editor

Gas sensors continue to be a dynamic and fast-emerging field of research for both scientists and developers. Modern advances in the synthesis of functional materials and in the fabrication of smart devices open up new opportunities to create novel sensors with enhanced properties. Fundamental research, at the same time, allows us to understand the underlying principles and sensing mechanisms in greater detail. This special issue on 'gas sensors' aims to cover all various aspects, such as (but not limited to) the preparation of functional materials and micro-fabricated systems for gas sensing, new insights in gas-sensing mechanisms, and the large number of different types of gas-sensing principles (resistive, mechanical, capacitive, *etc.*).

### Guest Editor

Prof. Dr. Michael Tiemann

Department of Chemistry, Universitat Paderborn, 33098 Paderborn, Germany

### Deadline for manuscript submissions

closed (30 November 2013)



## Sensors

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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