

## Call for Contributions

**1. Inform the Chair:** with the Title of your Contribution

**2. Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ALLSENSORS+2018+Special>

Please select Track Preference as **MOXSensApps**

### Special track

## MOXSensApps: Metal Oxide Sensors and Their Applications

Chair and Coordinator: Dr. Sandrine Bernardini, Associate Professor

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along with

**ALLSENSORS 2018**, The Third International Conference on Advances in Sensors, Actuators, Metering and Sensing

<http://www.aria.org/conferences2018/ALLSENSORS18.html>

This special track is dedicated to recent developments in Metal Oxide Sensors involving materials, techniques and applications. The need of gas sensors is growing up and plays an important role in various applications: health, environment, safety, agriculture, and product monitoring

The special track is expected to provide presentation and discussion on preparation and characterization of different metal oxide sensors and heterojunction semi-conducting metal oxide sensors, while promoting academic and industrial interaction among people from highly diverse technical and industry background.

### Topics include, but not limited to:

- Metal oxide sensors technologies
- Heterojunction semiconducting metal oxide sensors
- Metal oxide nanostructures
- Light excitations for gas sensor enhancement
- Low-temperature chemiresistive gas sensors
- Surface functionalization and catalyzes
- Sensitivity and influencing factors
- Signal and noise analysis for selectivity enhancement
- Reliability and life testing
- Metrology and calibration for metal oxide sensors
- Conduction model of metal oxide gas sensors
- Temperature modulation of the metal oxide semiconductor gas sensor
- Applications (health, environment, agriculture, manufacturing, safety, etc.)

### Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on [www.aria.org](http://www.aria.org)]
- Presentations: slide only [slide-deck posted on [www.aria.org](http://www.aria.org)]

- Demos: two pages [posted on [www.iaria.org](http://www.iaria.org)]

### **Important Datelines**

- Inform the Chair: *As soon as you decided to contribute*
- Submission: December 7, 2017
- Notification: January 12, 2018
- Registration: January 26, 2018
- Camera ready: February 5, 2018

*Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.*

### **Paper Format**

- See: <http://www.iaria.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaria.org/editorialrules.html>

### **Publications**

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iariajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

### **Paper Submission**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ALLSENSORS+2018+Special>

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### **Registration**

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaria.org/registration.html>

### **Contact**

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