

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+2019+Special>

Please select Track Preference as **N-METOX**

Special track

N-METOX: Nano-structured Mixed Metal-Oxide-based Gas Sensors

Chair

Prof. Dr. Devidas Ramrao Patil, K. B. C. North Maharashtra University, Jalgaon, India
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along with

ALLSENSORS 2019, The Fourth International Conference on Advances in Sensors, Actuators, Metering and Sensing

<http://www.iaria.org/conferences2019/ALLSENSORS19.html>

February 24 - 28, 2019 - Athens, Greece

Sensors are highly applied in the age of automation. Today's age is the age of automation. Activators are needed to modify the sensors for enhancement of the response. Today we are in need of smart and intelligent sensors for the more precise sensing activity, in all the fields. Gas sensors are utilized for the detection of hazardous, toxic and inflammable gases at or even below the trace levels of the gases or below Threshold Limit Value TLV. Gas sensors are the type of chemical sensors. Gas sensors can be fabricated by using mixed metal oxides, bulk and nanomaterials, nanorods, nanosheets, nanopetals, nanoflowers, nanowires, CNTs, conducting polymer, ferrites, etc. Gas sensors can be fabricated in the form of thick film, thin film, etc. Another application of gas sensors is to detect the food freshness and they are useful in even, disease diagnosis. Materials engineering and advancement, enhances the activity of the sensors. The field of sensors is the heart of all the fields, e.g., industries, food analysis, medical field, engineering field, educational field, energy generation, and distribution system, etc.

The main objective of this track is to explore and landscape of sensor technologies with full of principles and practices, to achieve the smart and intelligent systems with a larger innovations. The prevalence and spreading of sensor technologies has been initiated and integrated in such events.

Topics include, but not limited to; contributions could enlighten research and practice on:

1. Nanostructured Mixed Metal Oxide based Gas Sensors,
2. Bulk and Nanomaterials based Gas Sensors,
3. CNTs based Gas Sensors,
4. Conducting Polymer based Gas Sensors,
5. Ferrite based Gas Sensors,

6. Thick film Gas Sensors,
 7. Thin film Gas Sensors,
 8. Gas Sensors for Food Freshness Detection,
 9. Disease Diagnosis by Chemical Sensors,
 10. Nanomaterials Engineering for Advancement of Gas Sensors,
 11. Role of Additives / Activators in Gas Sensors,
- 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.iaaria.org]
- Presentations: slide only [slide-deck posted on www.iaaria.org]
- Demos: two pages [posted on www.iaaria.org]

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: ~~Nov 13, 2018~~ **Jan 08, 2019**
- Notification: ~~Dec 13, 2018~~ **Jan 23, 2019**
- Registration: ~~Dec 27, 2018~~ **Feb 03, 2019**
- Camera ready: ~~Jan 10, 2019~~ **Feb 03, 2019**

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

Paper Format

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

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaariajournals.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

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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.iaaria.org/registration.html>

Contact

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