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 **SENS4AGRO**

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Special track
SENS4AGRO: Sensors and Sensor Systems for Agriculture and Forestry

Chairs and Coordinators

Prof. Antonio Valente, INESC TEC - INESC Technology and Science and University of Trás-os-Montes and Alto Douro, Vila Real, Portugal
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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

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In recent years, there has been a deep advance in the use of sensors leading to the concept of Internet of Things (IoT), both in academia and in the industrial environment. Thus, a sensor system can consist of a large number of sensor nodes that are networked to monitor a specific area so that data can be acquired, processed, stored and collected.

The use of sensors and/or sensor systems has become an important tool in precision agriculture and forestry, with relatively low cost of the devices; they can provide quality assurance information, for example by alerting farmers to the onset of frost damage, implementing control of irrigation and pesticides and providing better awareness of the microclimate. Due to the great degree of soil, crop and climate heterogeneity in agriculture, there is a need for greater spatial resolution of data requiring a large number of sensor nodes.

Topics include, but not limited to:

- Sensors and Sensor Systems in precision agriculture
- Sensors and Sensor Systems for irrigation control
- Sensors and Sensor Systems for Plant Disease Control
- Sensors and Sensor Systems for in Field Monitoring
- Sensors and Sensor Systems in greenhouses
- Use of Sensors and Sensor Systems for Forest Fire Detection
- Design Considerations for Low Cost Sensors and Sensor Systems
- Energy Efficient Sensors and Sensor Systems

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.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.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.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
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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

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