

Call for Contributions

Submission:

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

2. **Submission URL:**

<https://www.ariasubmit.org/conferences/submit/newcontribution.php?event=INNOV+2019+Special>

Please select Track Preference as **RuSus**

Special Track

RuSus: Innovative Technologies for Rural Areas, Agriculture Precision and Sustainable Environmental Development

Chairs

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along with

INNOV 2019, The Eighth International Conference on Communications, Computation, Networks and Technologies

November 24- 28, 2019 - Valencia, Spain

<https://www.aria.org/conferences2019/INNOV19.html>

In the last 10 years, there have been appeared many technologies which are currently mature enough to be deployed in rural areas, agriculture precision and sustainable developments. On one hand, there are many more types of sensors and they are cheaper. On the other hand, there are more systems to measure and test the water, soil and rural environment. They can also be mixed with specific water and soil techniques to provide a complete system in order to improve these areas. These advances may be applied to improve rural areas development, improve the crops and performance in the agriculture, enhance irrigation systems and create new sustainable systems.

This special track pretends to gather recent researches on techniques for irrigation, soil measurement an ambient characterization. These advances can come from chemistry, physics, hydrography, agriculture, forest, electronics, computer science, telecommunications,... and any research field applied to the topic of the special track.

We solicit research, industrial, and academic contributions. We welcome technical papers which can be theoretical or practical. Papers can address the pros and cons of specific proposals or solutions. The topics can be discussed in term of state of the art, concepts, standards, implementations, running experiments, applications, new research proposals and industrial case studies. Authors are invited to submit complete original unpublished papers, which are not under review in any other conference or journal. Topics included in this special track include, but not limited to:

WATER

- Water quality
- Water purification
- Bioadsorption
- Water pollution monitoring
- Water treatment

SOIL

- Soil characterization
- Soil parameters
- Soil erosion
- Grass and Soil
- Soil and crops

SENSORS

- Physical sensors
- Chemical sensors
- Sensor development
- Soil sensors
- Environment sensors
- Water Sensors

SENSOR NETWORKS

- Sensors communication
- Sensor Network protocols
- Wireless Sensor Networks
- Network access protocols for sensor networks
- Routing protocols for wireless sensor networks
- Wireless sensor networks applications

MEASUREMENT SYSTEMS AND TREATMENT

- Data gathering systems for WSN
- Data fusion systems for WSN
- Big databases for WSN
- Artificial intelligence applied to sensor data

Important Datelines

Submission: Sep 18, 2019

Notification: Oct 17, 2019

Registration: Oct 27, 2019

Camera-ready: Oct 27, 2019

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]

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>

RuSus 2019 Chairs

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Mostafa Ezziyyani, Abdelmalek Essaâdi University, Morocco

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RuSus 2019 Technical Program Committee

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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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