

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+2023+Special>

3. Please select Track Preference as SATAE

Note: Onsite and Online Options

In order to accommodate a large number of situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person but are aware that special circumstances are best handled by having flexible options.

Special track

SATAE: Sensors and Actuators for Agricultural Decision Making and Knowledge in Engineering

Chair

Paulo E. Cruvinel, Ph.D.
Embrapa Instrumentation, Brazil
paulo.cruvinel@embrapa.br

along with

ALLSENSORS 2023, The Eighth International Conference on Advances in Sensors, Actuators, Metering
and Sensing

<https://www.iaria.org/conferences2023/ALLSENSORS23.html>

April 24 - 28, 2023 - Venice, Italy

Sensors and actuators interoperability, embedded computing, enterprise integration, and business convergence by competence sharing are some of the main problems faced in the agricultural industry today. All of these topics still find unexplored solutions that can only be arrived upon by collaborators with diverse expertise, coming together in a multi and interdisciplinary approaches.

SATAE special track is intended to bring together researchers, entrepreneurs, practitioners and domain experts, sharing solutions for problem solving by sensors, instrumentation, signal processing, computing and multi-criteria measurement, to address the challenges in needs engineering for food and energy production. It will provide a unique forum for discussion on integrated frameworks considering agricultural sensors, actuators, business ontologies, IoT understanding, value based process technologies, embedded architectures, machine learning, deep learning and all related systems.

Topics include, but not limited to:

- Sensors and signal processing
- Actuators and its control process
- Innovation by competence modeling, simulation, emulation and enactment
- Signal and image processing
- Interoperability
- Internet of things
- Value based process technologies
- Machine learning and deep learning applied to sensors and actuators data analysis

- Big data analysis, architectures, and infrastructures
- Competence transdisciplinary measurement
- Social business

Fields of interest:

- Agriculture
- Manufacturing
- Engineering
- Economy
- Business
- Science
- Humanity

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 decide to contribute

Submission: March 9 (earlier, better)

Notification: March 27

Registration: April 6

Camera-ready: April 6 *Note: The submission deadline is somewhat flexible*

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

<https://www.iaariasubmit.org/conferences/submit/newcontribution.php?event=ALLSENSORS+2023+Special>

Please select Track Preference as **SATAE**

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

Chair: Paulo E. Cruvinel, Ph.D., paulo.cruvinel@embrapa.br

Logistics: steve@iaaria.org