

## 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=ENERGY+2021+Special>

Please select Track Preference as **MEA4ES**

**3. Note:** *For 2021, all events will be held in a hybrid mode: on site or virtual choices (live, prerecorded videos, voiced presentation slides, and .pdf slides). We hope for better times allowing us to return to the traditional on site scientific events. However, we are ready to adapt any which way the conditions dictate.*

### Special track

## MEA4ES: Measurements for Energy Systems: Fundamentals and Applications

### Chairs and Coordinators

Dr. Marco Pasetti, Department of Information Engineering, Università degli Studi di Brescia, Italy  
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Dr. Stefano Rinaldi, Department of Information Engineering, Università degli Studi di Brescia, Italy  
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along with

ENERGY 2021, The Eleventh International Conference on Smart Grids, Green Communications and IT  
Energy-aware Technologies

<https://www.aria.org/conferences2021/ENERGY21.html>

May 30/June 3, 2021 Valencia, Spain

Information and communication technologies are commonly recognized as the pillar of the energy transition. The broad use of communication technologies and infrastructures, smart devices, biga-data analysis, and artificial intelligence is in fact emerging as a key factor to face the complex challenges inherent the transition towards distributed and sustainable energy systems. The core of all this intelligence; however, is the availability of reliable and coherent information, that is, in the end, the ability of designing and performing proper measurements, specifically tailored for applications in energy systems.

This special track solicits theoretical papers, methodological studies, and empirical research (or combination thereof) concerning on the fundamentals and applications of measurements in energy systems, ranging from the design of basic measurement procedures (e.g., for the measurement of fundamental electrical quantities) to the implementation of distributed measurement architectures.

### Topics include, but not limited to:

- Measurements systems and devices in Smart Grids;
- Distributed measurement systems;
- Measurements on electric power plants and machines;
- ICT issues in power systems;
- Smart Metering Infrastructures;
- Vehicular network systems;
- Measurement systems for diagnostic in power networks;
- Power Quality Systems;
- Sensors for Smart Grid Applications;
- Distributed measurement systems for renewable generators;
- Measurement systems for Virtual Power Plants;
- Measurement systems for EV charging stations.

## 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.iaia.org](http://www.iaia.org)]
- Presentations: slide only [slide-deck posted on [www.iaia.org](http://www.iaia.org)]
- Demos: two pages [posted on [www.iaia.org](http://www.iaia.org)]

## Important Datelines

Inform the Chair or Coordinator: As soon as you decide to contribute

Submission: April 16, 2021

Notification: May 3, 2021

Registration: May 13, 2021

Camera ready: May 13, 2021

*Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.*

## Paper Format

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

## Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.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.iaiasubmit.org/conferences/submit/newcontribution.php?event=ENERGY+2021+Special>

Please select Track Preference as **MEA4ES**

## 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.iaia.org/registration.html>

## Contact

Chairs

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