

## Call for Contributions

### 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.

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

**2. Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICONS+2020+Special>

Please select Track Preference as **SPEA**

Special track

## **SPEA: Solar Panel Efficiency Analysis**

### **Chair and Coordinator**

Mr. Ali Al-Humairi, GUTech - The German University of Technology in Oman, the Sultanate of Oman  
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along with

ICONS 2020, The Fifteenth International Conference on Systems

<https://www.aria.org/conferences2020/ICONS20.html>

February 23, 2020 to February 27, 2020 - Lisbon, Portugal

This special track on the Solar Panels is targeting research and technics on parameters including finding solutions for the soiling effects. These will help cleaning the Solar Panels and deal with the high temperature effects to cool the Solar Panels in order to increase their efficiency.

### **Topics include, but not limited to:**

- Cleaning methods (increasing efficiency is by reducing the effect of soiling (i.e., dust covering the panel) and other particulate matter off of PV-panels)
- Reducing the negative effect of high cell-temperatures on the operation of PV-panels themselves (by keeping the panels at a cooler state using different methods)
- Soiling and High Temperature effects on different types of PV panels
- Weather parameters and the physical location of the PV-panels
- Maintenance methods and schedules
- Metrics for efficiency accuracy

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

### **Important Datelines**

Inform the Chair: As soon as you decide to contribute

Submission: January 5, 2020

Notification: January 24, 2020

Registration: February 1, 2020

Camera ready: February 1, 2020

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

### **Paper Format**

- See: <http://www.aria.org/format.html>

- Before submission, please check and comply with the editorial rules:

<http://www.aria.org/editorialrules.html>

### **Publications**

- Extended versions of selected papers will be published in IARIA Journals: <http://www.ariajournals.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.ariasubmit.org/conferences/submit/newcontribution.php?event=ICONS+2020+Special>

Please select Track Preference as **SPEA**

### **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.aria.org/registration.html>

### **Contact**

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