

## Call for Contributions for

### Submission:

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

2. **Submission URL:**

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

Please select Track Preference as **CGI-DC**

Special track

## CGI-DC: Challenges in Green Initiatives in Data Centers

### Chair and Coordinator

Ph.D Candidate Sanjeev Sondur, Temple University - Philadelphia, USA

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along with

**GREEN 2019**, The Fourth International Conference on Green Communications, Computing and Technologies

<http://www.iaia.org/conferences2019/GREEN19.html>

October 27, 2019 to October 31, 2019 - Nice, France

New strategies are being developed with a goal to limit the energy consumption of data centers. However, nothing comes for free. Compared to an ideal solution, practical Green initiatives have associated costs to overcome and researchers and industry have to address the balance between cost and benefits. This track examines the concepts associated with current green energy initiatives. From data center air-coolers to on-chip implementations, energy conservation is predominant and innovative research is ongoing to address this huge energy drain. The need to limit or recover energy consumed has an associated cost.

The main objective of this track is to explore industrial practices and research initiatives, that address the challenges in implementing green initiatives in the field of computing, storage, network and cooling technologies in data centers, such as (i) air cooling initiatives, (ii) managing compute servers, (iii) energy oriented storage solutions, (iv) networking techniques and (v) related economic and reliability studies.

### Topics include, but not limited to:

- Green initiatives in data center Energy management & architectures
- Compute, Storage & Networking Applications and test results
- Quality of Service issues in Green computing
- New business and economic models
- Cross-layer cost benefit optimization

### Important Datelines

Inform the Chair: As soon as you decide to contribute

Submission: August 31

Notification: September 20

Registration: September 30

Camera-ready: September 30

### 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)]

### **Paper Format**

- See: <http://www.iaia.org/format.html> [both LaTeX and .doc templates]
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>
- More information on camera ready preparations will be posted after the paper notifications are sent out.

### **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=GREEN+2019+Special>

Please select Track Preference as **GDI-DC**

### **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>

### **Contacts**

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