Call for Contributions

Submission:
1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SENSORCOMM+2017+Special
Please select Track Preference as **WSN**

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Special track

WSN: Wireless Sensor Networks - Structure Optimization, Reconfiguration, and Energy Provision

Coordinator
Prof. Dr. Dongsoo Har, Korea Advanced Institute of Science and Technology (KAIST), Daejeon, Korea
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Chair
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along with
SENSORCOMM 2017, September 10 - 14, 2017 - Rome, Italy
The Eleventh International Conference on Sensor Technologies and Applications
http://www.iaria.org/conferences2017/SENSORCOMM17.html

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Internet-of-things (IoT) formed by myriads of wireless sensor networks introduces a variety of technical challenges. Among major technical challenges, energy provision, structure optimization, and reconfigurability are critical for wireless sensor networks. Proactive energy provision to wireless sensor networks is beneficial for sustainable operation of wireless sensor network. From this perspective, wireless (re)charging is a viable solution for sensors capable of energy harvesting. Structure optimization affects network performance measured by energy efficiency and latency. Flat routing and hierarchical routing can be adopted depending on number of sensors and design goals. Throughput of sensor networks is an important performance measure typically considered for structure optimization. Reconfiguration of sensor networks is observed with ad hoc networks, which are reorganized over time when needed to achieve desired network performance.

This special track considers these three topics as well as other relevant ones. It is expected that contributed papers involve with various aspects of these three topics.

Topics: *Original contributions previously unpublished are solicited in relevant areas including (but not limited to) the following topics:*

- Structure optimization of wireless sensor networks
- Reconfiguration of wireless sensor network
- Energy provision of wireless sensor network

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: August 2
- Notification: August 9

- Registration: August 16
- Camera ready: August 16

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

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

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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