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 **SENSHEALTH**

Special track

SENSHEALTH: Wireless Body Sensor Networks and e-Health

Chair and Coordinator

Abdallah Makhoul, Ph.D., FEMTO-ST Institute, Université Bourgogne Franche-Comté, CNRS, France

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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

Wireless Body Sensor Networks (WBSNs) are a subset of wireless sensor networks used for healthcare applications allowing to remotely and continuously monitor a patient's health condition, thus reducing healthcare expenditures. Such a network consists of wearable sensor nodes called biosensor nodes and one coordinator or sink. The biosensor nodes are placed on the body of the patient or can be implanted inside the body. They sense continuously common physiological data like body motion, skin temperature, heart rate, skin conductivity, brain and muscle activities, biomarkers, etc. Many challenges arise in WBSNs, such as energy consumption, data storage, data analysis, BSN architectures, etc. The aim of this track is to bring together people from academia and industry that have interest in the area of wireless body sensor networks.

Particularly, this track's focus is on the theory and practices that address the challenges related to the design, analysis, and implementation of algorithms, protocols, architectures, and applications for WBSNs.

Topics: *Original contributions previously unpublished are solicited in relevant areas including (but not limited to) the following topics:*

- Architectures, protocols and algorithms for wireless body sensor networks
- Health and performance monitoring applications
- Energy-efficient protocols for body sensor networks
- Information fusion algorithms for body sensor networks data
- Sensory data acquisition and analysis
- Activity recognition based on body sensor networks

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

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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