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=SENSORDEVICES+2018+Special
Please select Track Preference as **AALMAS**

Special track

AALMAS: Ambient Assisted Living Systems and Medical Applications using Sensors

Chair and Coordinator
Dr. Ivan Miguel Serrano Pires, University of Beira Interior - Covilhã, Portugal
impires@it.ubi.pt

along with

SENSORDEVICES 2018, The Ninth International Conference on Sensor Device Technologies and Applications
September 16, 2018 to September 20, 2018 - Venice, Italy
http://www.iaria.org/conferences2018/SENSORDEVICES18.html

There are a lot of improvements that the technological equipment may held in the medical systems, including the creation of intelligent systems for the treatment, diagnosis and prevention of several healthcare problems. The intelligent systems are currently growing in the surgery area. These systems should have medical regulations during their development for their acceptability in the market. The mobile devices or other specific devices can be connected to the hospital systems, improving the monitoring of the patients.

Several health-related problems can be monitored, treated and minimized with the use of technological equipment. The presented system and ideas can be use the sensors available in the mobile devices, other sensors available in smart environments and sensors used with other equipments. The current evolutions in this topic will be very useful for the treatment of different diseases.

This special track is focused in the presentation of state-of-the-art, ongoing projects, conceptual definition of devices, systems, services and sensor-based advanced healthcare initiatives.

Authors are invited to submit complete unpublished papers, which are not under review in any other conference or journal in the following, but not limited to:

- Assistive technology and adaptive sensing systems
- Diagnosis and treatment with mobile sensing systems
- Healthcare self-management devices/systems
- mHeath, eHeath and telemedicine devices/systems
- Body-weared/implemented sensing devices
- Sensing medical vital-metrics
- Sensing for persons with limited capabilities
- Motion and path tracking medical devices/systems
- Artificial intelligence with sensing data
- Virtual and augmented reality in medical systems
- Mobile systems usability and accessibility
- Medical regulations in mobile systems
- Medical regulations and privacy

Important Datelines
- Inform the Chair (see Contact below): As soon as you decided to contribute
- Submission: ~~June 1~~ July 10
- Notification: ~~July 2~~ July 30
- Registration: ~~July 16~~ August 10
- Camera ready: ~~July 22~~ August 10

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
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SENSORDEVICES+2018+Special
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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

Contacts
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SENSORDEVICES logistics: steve@iaria.org