

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+2018+Special>

Please select Track Preference as **SSPILAP**

Special track

SSPILAP: Sensor-based Systems for the Promotion of the Independent Living of Ageing People

Chair and Coordinator

Dr. Ivan Miguel Serrano Pires, University of Beira Interior - Covilhã, Portugal

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along with

SENSORCOMM 2018, The Twelfth International Conference on Sensor Technologies and Applications

September 16, 2018 to September 20, 2018 - Venice, Italy

<http://www.iaria.org/conferences2018/SENSORCOMM18.html>

The ageing process involves several transformations within the human body, including a decline of the skeletal muscle tissue, described as sarcopenia, and a decrease in the cognitive function. As the number of ageing people is increasing, the use of the technology may help in the promotion of the independent living. Sensors are commonly available in the devices used daily, allowing the acquisition of several physical and physiological parameters. This special track is focused on the presentation of state-of-the-art, ongoing projects, conceptual definition of systems, developed projects and others on all facets involving sensor-based networks, services and applications for ambient assisted living.

Several health-related problems can be monitored 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 equipments. The independent living of ageing people is very important for the society, which the development of systems for the monitoring of the lifestyles is one of the possible purposes of these systems.

Authors are invited to submit complete unpublished papers, which are not under review in any other conference or journal in the following, but not limited to:

- Ambient Assisted Living systems
- Health-oriented communication protocols
- mHealth, eHealth and telemedicine systems
- Human-Computer interaction and accessibility
- Independent living and special healthcare services
- Smart (city, house) environments
- Citizen-oriented well-being wireless services
- Mobile and movement monitoring systems
- Special medical applications/services
- Sensor networks-based e-government services

Important Datelines

- Inform the Chair (see Contact below): as soon as you decided to contribute

- Submission: June 1
- Notification: July 2
- Registration: July 16
- Camera ready: July 22

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]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Paper Format

- See: <http://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>

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

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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.iaia.org/registration.html>

Contacts

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SENSORCOMM logistics: steve@iaia.org