

## Call for Contributions

### Note: Onsite and Online Options

In order to accommodate a large number of situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person, but are aware that special circumstances are best handled by having flexible options.

### Submission:

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

**2. Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SENSORCOMM+2020+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, and Polytechnic Institute of Viseu - Viseu, Portugal

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along with

**SENSORCOMM 2020**, The Fourteenth International Conference on Sensor Technologies and Applications  
November 21, 2020 to November 25, 2020 - Valencia, Spain  
<http://www.iaria.org/conferences2020/SENSORCOMM20.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**Authors are invited to submit** complete unpublished papers, which are not under review in any other conference or journal in the following, but not limited to: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: Sep 21, 2020

Notification: Oct 11, 2020

Registration: October 21, 2020

Camera-ready: October 21, 2020

### **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](http://www.iaria.org)]
- Presentations: slide only [slide-deck posted on [www.iaria.org](http://www.iaria.org)]
- Demos: two pages [posted on [www.iaria.org](http://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=SENSORCOMM+2020+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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