

# Call for Contributions

## Submission:

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

**2. Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=MOBILITY+2019+Special>

Please select Track Preference as **MOCRIH**

Special track

## **MOCRIH: Mobile Crowdsensing in Healthcare**

### **Chair and Coordinator**

Dr. Rüdiger Pryss, Universität Ulm, Germania

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along with

**MOBILITY 2019**, The Ninth International Conference on Mobile Services, Resources, and Users

July 28, 2019 to August 01, 2019 - Nice, France

<https://www.iaria.org/conferences2019/MOBILITY19.html>

Mobile technology is increasingly utilized to deal with various healthcare aspects, also denoted as mHealth technology. Mobile crowdsensing is one type of mHealth technology, which exploits the power of the crowd and the computational capabilities of modern smartphones. If mobile crowdsensing is combined with Ecological Momentary Assessments (EMA), new medical data sources become efficiently possible. In addition, the combination of these two technologies can mitigate several shortcomings of clinical trials. For example, data can be gathered in a rather short time and less costs compared to traditional clinical trials. On the other hand, many new challenges arise that must be thoroughly considered. Data quality, data security, or user motivation are only some examples that must be dealt with. Although many shortcomings exist, mobile crowdsensing has already shown to be a powerful instrument to gather medical data.

Therefore, in this special track, we seek for works that deal with aspects of mobile crowdsensing (and EMA) in healthcare scenarios.

### **Topics include, but not limited to:**

- Technical Architectures
- Technical Infrastructures
- Application of Data Science Methods (e.g., machine learning methods)
- Sensors and Sensor Management
- mHealth Databases
- App Quality Criteria
- Data Quality
- Data Security
- New Algorithms
- Data Synchronization
- Questionnaire Management
- APIs
- Data Models
- Mobile Data Collection

- Mobile Data Management
- Data Visualization
- Immersive Analytics
- Incentive Management
- Mobile Application Engineering
- User Interfaces
- Study Management

### **Important Datelines**

- Inform the Chair (see Contacts below): as soon as you decided to contribute
- Submission: June 2, 2019
- Notification: June 22 2019
- Registration: July 1, 2019
- Camera-ready: July 1, 2019

### **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=MOBILITY+2019+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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