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=ADAPTIVE+2022+Special
Please select Track Preference as **AISMS**

Special track

AISMS: Adaptivity in Intelligent and Secure Mobile Systems

Chairs and Coordinators

Prof. Dr. Marc Kurz, University of Applied Sciences Upper Austria, Faculty for Informatics, Communications and Media, Austria
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along with

ADAPTIVE 2022, The Fourteenth International Conference on Adaptive and Self-Adaptive Systems and Applications
https://www.iaria.org/conferences2022/ADAPTIVE22.html
April 24, 2022 - April 28, 2022 – Barcelona, Spain

With the advent of mobile systems in recent decades, people are ever increasingly connected to smart devices. These devices aim at making our lives more comfortable and assist in different situations – the most prominent examples for such devices might be the mobile phone or also wearable and ubiquitous systems in general.

By applying approaches that can be classified within the topic “artificial intelligence”, these mobile systems strive to provide some kind of “intelligent behavior” adapting to the current user’s contextual state. Additionally, security aspects concerning personal and sensitive data are becoming more and more relevant. These two important factors might be diametrically opposed, since usually “intelligence” needs a lot of data to sense the current context of users, but data might be sensitive in terms of privacy and security concerns. Nevertheless, security in mobile systems needs to be considered as a critical factor.

Therefore, this special track aims at discussing the hybridity of intelligence and security with respect to the (self-) adaptation of mobile systems according to the actual contextual state.

Topics include, but not limited to:

- Artificial Intelligence
- Ambient Intelligence
- Security aspects for mobile systems
- Internet of Things (IoT)
- Adaptive behavior of mobile systems
- Adaptive behavior of mobile sports & health systems
- Adaptive and self-adaptive behavior

- Adaptivity in wearable and mobile systems
- Self-adaptation in mobile environments
- Context-awareness and context-aware adaptation
- Adaptive artificial intelligence
- Privacy and Security in mobile adaptive systems

Important Datelines
Submission: March 11, 2022
Notification: March 27, 2022
Registration: April 6, 2022
Camera-ready: April 6, 2022

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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