

Call for Contributions for

Submission:

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

2. **Submission URL:**

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

Please select Track Preference as **CSSE**

Special track

CSSE: Cybersecurity within Smart Space Ecosystems

Chair and Organizer

Dr Abdullahi Arabo, Cyber Security Research Unit, University of the West of England, Bristol, UK

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along with

CYBER 2018, The Third International Conference on Cyber-Technologies and Cyber-Systems

<http://www.iaria.org/conferences2018/CYBER18.html>

November 18 - 22, 2018 - Athens, Greece

The traditional focus on the research within cybersecurity is mainly focusing on the issues related to industrial and cyber warfare. This special track will be looking the implications of the developments, threats and emergent issues of cybersecurity within the smart space ecosystem, i.e., connected home, smart cities, smart living, automation of services and the security of devices within these systems.

The development of Artificial intelligence as well as the adaptation of the human immune systems into various aspects of automation has created a new paradigm and security issues for. The devices used within such ecosystems are not developed with security in mind nor have security as part of the design and development process. Users of such devices are leaking personally identifiable information unknowingly and the devices are increasingly storing and process valuable data that is a huge security threat to individual users as well as the entire ecosystem.

This special tract will accept papers and research results that looks into the problems and solutions created as a result of these issues and we encourage submission from multidisciplinary research activities.

Topics include, but not limited to:

- Security and privacy issues within commented home ecosystems
- Cybersecurity issues as a result of IoT (Internet of Things) and BYOD (Bring Your Own Device)
- The applications of Artificial intelligence into detecting and solving cyber threats
- Smart meters and smart grids threats to the ecosystem
- User and manufactures role in improving solutions cyber threats
- Automation for cyber security detection and prevention
- Verification methods and proofs for cybersecurity
- Applications of SDN (Software Defined Networking) in cybersecurity

Important Datelines

Inform the Chair: As soon as you decided to contribute

Submission; October 5

Notification: October 20

Registration: October 20

Camera-ready October 30

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

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>

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