

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=SECURWARE+2017+Special>

Please select Track Preference as **SECURECF**

Special track

SECURECF: Secure Cloud and Fog Computing

Chair and Coordinator

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along with

SECURWARE 2017, September 10 - 14, 2017 - Rome, Italy

The Eleventh International Conference on Emerging Security Information, Systems and Technologies

<http://www.iaria.org/conferences2017/SECURWARE17.html>

Cloud computing provides wide range of services and resources for users. Virtual reality, smart building control, smart cities and many others are examples of applications that have emerged due to the large number of resources and services brought by cloud computing. However, some applications that are delay-sensitive, such as smart cities and internet of things applications, face some issues because of large latency when using cloud computing. Therefore, a new model has emerged to meet the requirements of low latency, location awareness, and mobility support, which is Fog Computing.

Fog computing put services and resources of the cloud closer to users, which facilitates the leveraging of available services and resources in the edge networks. That is, this model moves services and resources from the core (cloud data centers) to the edge of the network closer to the users, which provides user centric service. This helps in running heavy real-time applications at the network edge directly using the billions of connected mobile devices.

Moving towards cloud and fog computing face serious security issues due to many reasons such as the immense increase in connectivity among users and resources and the deployment of information. Security issues in Cloud and Fog computing span over many areas such as administrative policies, secure data storage, secure computation, network security, data privacy, usage privacy, location privacy, etc.

The track *SecureCF* aims at seeking for novel contributions that help mitigating the security concerns in cloud and fog computing. Researchers are encouraged to submit original research contributions in security and privacy issues in cloud and fog computing, which include, but not limited to:

- Access control models in Cloud and Fog computing
- Insider Threat in Cloud and Fog computing
- Cloudlet and Fog nodes-based security and privacy issues
- Lightweight authentication mechanisms in Cloud and Fog architecture
- Secure but lightweight encryption methods for real-time communication protocols
- Secure Virtualization

- Location privacy
- IoT security in Fog and Cloud-based models
- Secure storage
- Forensics in Cloud and Fog Computing
- Security and privacy in social applications and networks
- Web service security

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: August 2
- Notification: August 9
- Registration: August 16
- Camera ready: August 16

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.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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