Call for Contributions

Inform the Chair: with the Title of your Contribution
Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=CLOUD+COMPUTING+2017+Special
Please select Track Preference as **SEPRICC**

Special track

SEPRICC: Security and Privacy in Cloud Computing

Chairs and Coordinators:

Prof. Dr. Sokratis K. Katsikas, Center for Cyber & Information Security, Norwegian University of Science & Technology (NTNU) - Gjøvik, Norway sokratis.katsikas@ntnu.no
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along with
CLOUD COMPUTING 2017, February 19 - 23, 2017 - Athens, Greece
The Eighth International Conference on Cloud Computing, GRIDs, and Virtualization
http://www.iaria.org/conferences2017/CLOUDCOMPUTING17.html

One of the new computing paradigms that has gained tremendous momentum in the past few years is cloud computing. This is due, at least to some extent, to the fact that IT cost reduction is achieved by offloading data and computations to cloud computing. Cloud services available today vary from data storage and processing to software provision, addressing requirements for high availability and on-demand, commitment-free provision of services. Even though cloud computing as an economic model has found versatile ground and is attracting a lot of investment, many are still reluctant to use cloud services because of several security, privacy, and trust issues that have emerged.

The initial reaction of the security community to the security issues of cloud computing was that these could be resolved using existing techniques inherited from conventional IT systems or even distributed systems that are the ancestors of cloud computing environments. Unfortunately, this approach does not work, because of the scale and the architecture of the cloud computing model. Hence, a need to re-consider security, privacy and trust concerns in the context of the cloud computing paradigm arises.

In answer to these concerns, the Security and Privacy in Cloud Computing (SEPRICC) special track within Cloud Computing 2017 will provide an international forum for researchers and practitioners to exchange information regarding advancements in the state of the art and practice of security, privacy and trust in cloud computing.

SEPRICC will bring together researchers from different disciplines, developers, and users all interested in the critical success factors of cloud computing systems.

We are interested in papers, work-in-progress reports, and industrial experiences describing advances in all areas of cloud computing applications related to security, privacy and trust, including, but not limited to:

- Access control in the cloud
- Accountability in the cloud
- Anonymity and pseudonymity in the cloud

- Availability in cloud computing
- Authentication in the cloud
- Cloud forensics
- Common practices, legal and regulatory issues in cloud computing
- Cryptographic building-blocks for cloud applications
- Data and computation integrity in the cloud
- Data and digital content protection in the cloud
- Disaster recovery in the cloud
- Economics of security, privacy and trust in cloud computing
- Information audit and trust in cloud computing environments
- Incident handling in cloud computing
- Intrusion detection and prevention in the cloud
- Methodologies for privacy by design and by default in cloud computing
- Privacy in the cloud
- Risk analysis and management in cloud computing
- Secure cloud architectures
- Secure cloud computation
- Secure storage in the cloud
- Security and privacy Certification, Accreditation, Regulations, and Compliance in the cloud
- Security and privacy governance and management in the cloud
- Security and privacy policies in the cloud
- Security and privacy standards in cloud computing
- Threats and vulnerabilities in the cloud
- Trust models and trust management in the cloud

Important Datelines
- Inform the Chair: As soon as you decided and secured the financial support
- Submission: January 15
- Notification with comments for camera-ready: January 25
- Registration: February 5
- Camera ready: February 8

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

Contact
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