

CFP: The 7th International Conference on Cyber Security and Cloud Computing (IEEE CSCloud 2020)

August 1-3, 2020, New York, USA

<http://www.cloud-conf.net/cscloud/2020/cscloud/index.html>

Since the development of Cloud Computing technology has deeply changed not only the development of computer science, but also influenced the way people live. With Cloud-based technology, various kinds of mobile applications to big data based services are provided to accelerate the data oriented services. Today, one of the most promising trends is the Cloud-based solutions for small enterprises to deploy their business on Cloud servers. However, privacy and security issues along with the widely developed Cloud-based services are always becoming an obstacle for the usage of the Cloud services. Also, the Artificial Intelligence (AI) based technologies such as Deep Learning (DL) have brought new challenges to the traditional security and privacy issues on Cloud Computing. IEEE CSCloud 2020 focuses on these two aspects and aims to gather recent achievements in cyber security and cloud computing fields. The conference invites those papers that concentrate on new paradigms, algorithms, and applications in cyber security or cloud computing. We also encourage researchers and practitioners to build up the connections between academia and industry. We aim to collect the latest achievements and exchange research ideas in the domains of intelligent data and security at this academic event.

Topics of particular interest include, but are not limited to:

- Security of Artificial Intelligence enabled computing
- Robust Deep Learning technology and applications
- Security and Privacy on Clouds with AI
- Big data security issues
- Machine learning based big data solutions
- Deep learning based big data solutions
- Social engineering, insider threats, advance spear phishing
- Security and fault tolerance for embedded or ubiquitous systems
- Security of Web-based applications and services
- Cloud users' privacy information protection
- Critical infrastructure protection in cloud/fog/edge computing
- Cyber issues and solutions in fog/edge computing
- Reinforcement learning-based security mechanism
- Secure methods for heterogeneous cloud resource sharing
- Green cloud computing mechanisms
- Cloud-based audio/video streaming techniques
- New attack methods and applications
- Reinforcement learning-based intelligent agent in cloud computing
- Trust management in cloud/fog/edge computing
- Trust and reputation systems for cloud-based applications
- Emerging attack methods in cloud/fog/edge computing
- Digital forensics and privacy issues in cloud computing
- Anti-Forensics and Anti-Anti-Forensics Techniques
- Cyber monitoring approaches
- Data leakage, data protection and database forensics
- Identity management and fraud management
- Critical issues and solutions of Cyber security in tele-health
- Cyber security in mobile embedded systems
- New security cloud computing model, framework, and application
- Heterogeneous clouds and vulnerabilities issues

Committees

General Chair

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Important Dates

Paper submission: May 15, 2020 (firm)

Author notification: May 25, 2020

Camera-Ready: June 10, 2020

Registration: June 10, 2020

Conference date: August 1-3, 2020