

# CFP: The 4th IEEE International Conference on Smart Cloud (SmartCloud 2019)

Dec 10<sup>th</sup>-12<sup>th</sup>, 2019, Tokyo, Japan

<http://www.cloud-conf.net/smartcloud/2019/index.html>

As a novel technology, cloud computing implementations have been booming in recent years, which dramatically attract attentions from the industry, academia, and education. SmartCloud 2019 aims to collect recent academic achievements in novel techniques, developments, empirical studies, and new developments in cloud computing. The concentration of SmartCloud 2019 is enabling cloud computing to become an efficient approach for delivering intelligent services and forming advanced distributed systems, which are aligned with other updated technologies, such as data mining and big data. Empowering the existing infrastructure by using cloud computing techniques has been considered a dramatically significant issue for both academia and industry, which implies that intelligent cloud computing has a giant demand in multiple fields, from tele-health to e-learning, from vehicular systems to mobile applications. Therefore, our mission is to empower cloud computing the capability of “smart” by providing a forum for scientists, engineers, researchers, and students to discuss and exchange their new ideas, novel results, work in progress and experience on all aspects of smart computing and cloud computing. SmartCloud 2019 aims to collect recent academic achievements in novel techniques, developments, empirical studies, and new developments in cloud computing.

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

- Cloud-based audio/video streaming techniques
- Cloud-based real-time multimedia techniques
- Green cloud computing applications and optimizations
- Cyber threat intelligence
- Novel mechanisms in cloud computing
- Social engineering, insider threats, advance spear phishing
- Security and fault tolerance for embedded or ubiquitous systems
- Cloud security and privacy issues
- Cloud-assisted clinical data and knowledge management
- Cloud computing for Healthcare
- Big data security, Database security
- Sensor network security issues in mobile cloud computing
- Embedded networks and sensor network optimizations
- Cloud computing and networking models
- Ambient intelligence and intelligent service systems in cloud systems
- Analysis and evaluation of cloud-based Healthcare
- Cyber monitoring, incident response
- QoE / QoS for D2D communication in cloud computing
- WiFi-Direct, WLAN-Direct, and cellular technology for empowering cloud computing
- Nature inspired algorithms for resource management in cloud computing
- Channel modulation for 5G networks in cloud computing
- Intelligent control mechanism for D2D communication in cloud computing
- Digital forensics in cloud computing
- Data mining techniques and data warehouses in cloud computing
- Heterogeneous architecture for cloud computing
- Dynamic resource sharing algorithm for cloud computing
- Load balance for cloud computing
- Cyber Security in emergent technologies
- Pervasive computing applications and innovations in cloud computing

## Committees

### General Chairs

Meikang Qiu, Columbia University, USA

### Program Chairs

Cheng Zhang, Waseda University, Japan

Zongming Fei, University of Kentucky, USA

## Important Dates

**Paper submission: Sept. 1<sup>st</sup>, 2019**

Author notification: Oct. 15<sup>th</sup>, 2019

Camera-Ready: Nov. 1<sup>st</sup>, 2019

Registration: Nov. 1<sup>st</sup>, 2019

Conference date: Dec. 10<sup>th</sup>-12<sup>th</sup>, 2019

