The 8th IEEE International Conference on Smart Cloud (IEEE SmartCloud 2023)

September 16-18, Tokyo, Japan

Call for Papers

As a novel technology, cloud computing implementations have been booming in recent years, which dramatically attract attentions from the industry, academia, and education. SmartCloud 2023 aims to collect recent academic achievements in novel techniques, developments, empirical studies, and new developments in cloud computing. The concentration of SmartCloud 2023 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 2023 aims to collect recent academic achievements in novel techniques, developments, empirical studies, and new developments in cloud computing. Innovative technical applications in clouds are highly encouraged. The objective of SmartCloud 2023 is to provide a forum for scientists, engineers, and researchers to discuss and exchange their new ideas, novel results, work in progress and experience on all aspects of smart computing and 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
- Pervasive computing applications and innovations in cloud computing
- 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
- Cloud computing for D2D communication
- Intelligent control mechanism for D2D communication in cloud computing
- Cyber monitoring, incident response
- 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

Paper Submission

Submissions should include abstract, 5-10 keywords, and the e-mail address of the corresponding author and be in PDF format. Each submission should be in the IEEE 8.5 x 11 inches two-column format with 10-12 point font (Template: DOC or LaTeX), including tables, figures, and references.

Co-located Events

- The 8th IEEE International Symposium on Reinforcement Learning (IEEE ISRL 2023)
- The 5th IEEE International Congress on AI Privacy and Protection (IEEE ICAPP 2023)
- The 8th IEEE Workshop on Privacy Analytics and Protection of Smart Data (IEEE PAPSD 2023)
- The 8th International Conference on Smart Blockchain (IEEE SmartBlock 2023)

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Important Dates

Submission:	July 10, 2023
Notification:	July 25, 2023
Camera-Ready:	Aug. 5, 2023
Registration:	Aug 5, 2023
Conference Date:	September 16-18, 2023

Sponsors

Contact

If you have any questions or concerns on IEEE SmartCloud 2023, please contact us by email. Email address: yunhe.feng@unt.edu