IEEE Fifth International Workshop on Cloud Computing Systems, Networks, and Applications (CCSNA)

Organized in conjunction with

IEEE Global Communications Conference (GLOBECOM 2016)

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http://www.ieee-ccsna.org/ccsna_gc16

Cloud computing, as well as Cloud-inspired business models, enable on-demand access to a shared pool of resources, namely computing, storage, networks, services, and applications. With the advent of Cloud-based systems, cloud operators have been aiming at reliable, secured, privacy-preserving and cost-efficient cloud design and management. As the Cloud infrastructure aims at offering various IT resources as services, requirements of Cloud applications vary based on the resources which are requested as services. Thus, the resources may refer to heavy computation resources, massive storage resources, and high-capacity network resources and so on. The heterogeneity of cloud applications leads to the challenge of holistic design of a robust Cloud system which can oversee and handle the diverse needs of numerous types of applications. On the other hand, these challenges enforce cooperation of various players in the Cloud system, each of which focuses on a different segment such as network, computing, applications, and systems. The Fifth International Workshop on Cloud Computing Systems, Networks, and Applications (CCSNA-2016) aims at the crossroads between scientists, researchers, practitioners and students from diverse domains in Cloud computing research. The Workshop aims at attracting contributions of system and network design that can support existing and future applications and services. Researchers are encouraged to submit original research contributions in all major areas, which include, but not limited to:

- Cloud system and network design
- Cloud network protocol design and management
- Optimization for cloud computing, networking, and applications
- Green cloud system design
- Cloud storage design and networking
- Cloud system and storage security
- Cloud network virtualization techniques
- Modeling for cloud system, network and storage
- Performance analysis for cloud system, network and storage
- Big data storage and networking in the Clouds
- Intra-cloud computing and networking
- Mobile Cloud system design
- Cloud media and storage design
- Real-time resource reporting and monitoring for cloud management
- Cloud system interoperability
- Cloud data center design
- Utility computing solutions in Cloud systems
- Cloud forensics

Submission Procedure

Submitted papers must represent original material which is not currently under review in any other conference or journal and has not been previously published. Paper length should not exceed five-page standard IEEE conference two-column format (including all text, figures, and references). Please see the Author Information page for submission guidelines in the IEEE GLOBECOM 2016 website http://globecom2016.ieee-globecom.org/. All papers will be submitted through the EDAS system (http://edas.info/N22556) and will go through a peer review process. All accepted and presented papers will be included in the IEEE GLOBECOM 2016 proceedings and IEEE digital library. IEEE reserves the right to exclude an accepted and registered but not presented paper from the IEEE digital library.

General co-Chairs:

Periklis Chatzimisios, Alexander TEI of Thessaloniki, Greece
Elhadj Benkhelifa, Staffordshire University, UK

Technical Program co-Chairs:

Constandinos Mavromoustakis, University of Nicosia, Cyprus
Houbing Song, West Virginia University, USA
Peng Li, University of Aizu, Japan
Deze Zeng, China University of Geosciences, China

Important Dates

Paper submission deadline: **July 1, 2016**
Author notification: **September 1, 2016**
Camera ready: **October 1, 2016**