

**Call for Papers for Selected Areas in Communications Symposium
Cloud Communications and Networking Symposium
(SAC-3 CCN)**

Symposium Track Chair

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Submissions must be done through EDAS at: <https://edas.info/newPaper.php?c=22644&track=81059>

The paper submission deadline is October 14, 2016.

Scope and Motivation

The Cloud Communications and Networking symposium will focus on emerging technologies in transferring data from communications network to cloud computing deployments. The dynamic location of service facilities and the virtualization of hardware and software elements are stressing the current communication infrastructure. The Selected Areas in Communications Symposium – Cloud Networks provides an international track to present and develop scientific advancements in: optimizing cloud network virtualization and management, reducing energy consumption, proposing novel Cloud network architectures, service provisioning over heterogeneous connections and wireless links, efficient resource allocation and optimization of communication protocols in the core network, etc.

Main Topics of Interest

To ensure complete coverage of the advances in this field, the Big Data Networking Track solicits contributions in, but not limited to, the following topical areas:

- Big Data Management
- Cloud Federation and Hybrid Cloud Infrastructure
- Cloud Traffic Characterization and Measurements
- Cloud Traffic Engineering and Control-Plane Architectures
- Cloud Networking in 5G
- Cloud Networking for Internet of Things (IoT)
- Data Center Network Management, Reliability, Optimization
- Data Flow Management and Load Balancing
- Distributed Data Center Architectures and Services: IaaS, PaaS, SaaS
- Energy-Efficient Datacenters and Networks
- Green Data Centers and Cloud Networking
- Internet Routing of Cloud data
- Microservices and Container deployments
- Mobile Cloud Networking
- Network as a Service
- Network Functions Virtualization
- Network Virtualization
- Quality of Service or Experience (QoS & QoE) in Cloud Services and Networking
- Security, Privacy, and Confidentiality in Cloud Networking
- Software Defined Networks
- Storage Area Networks, Optical Interconnect, Fiber Channels
- Virtual Ethernet Switching, Data Center Bridging
- Virtualization of Network Equipment
- Wireless Data Center

Biography

Ioannis Papapanagiotou received the Diploma degree in Electrical Engineering from the University of Patras, Greece, the MSc and dual major Ph.D. degrees in Computer Engineering and Operations Research from North Carolina State University. His research is focused in distributed systems/cloud computing, internet of things, and network systems. Ioannis is a senior engineer at Netflix, serves as a graduate faculty at Purdue University, advising a team of talented graduate students, and as an adjunct assistant professor at NC State University. Prior to joining Netflix, Ioannis was a tenure-track faculty member at Purdue University, where he was awarded the NetApp faculty fellowship and established an Nvidia CUDA Research Center.

Ioannis has received the IBM PhD Fellowship, Academy of Athens PhD Fellowship, teaching awards, and best paper awards in several IEEE conferences. Ioannis has authored around 40 research articles and 10 patent disclosures.

Ioannis is a member of ACM, and senior member of IEEE.