GEFI 19 meeting

sponsored by:

Contribution ID: **9**   Type: **Position Statement**

Toward Integrated Experimentation of Cloud/Edge Computing and IoT Applications on Shared Cyberinfrastructure Testbeds

The increasing data processing and networking demand of emerging applications plays an important role in the design and implementation of novel computing infrastructures of today and tomorrow. New technologies, including big data, deep learning, as well as Internet-of-Things (IoT) and 5G/6G networks, are ushering in a new era of rapid transformation with ubiquitous connectivity and distributed intelligence for smart and connected communities. New architectural designs, such as Cloud/Edge/Fog Computing, Information-Centric Networking (ICN) [1], and Software-Defined Networking [2], have been proposed in order to meet various application requirements, including high data throughput, low latency, delay tolerance, rapid mobility, and scalability.

(download PDF for full text)

Primary author: LIU , Jason (FIU)

Presenter: LIU , Jason (FIU)