

## **New Requirements and Challenges Raised by Edge Computing for Future Network**

### **Abstract:**

Edge computing is becoming a popular topic mainly due to the evolution of 5G and industrial internet industries. In this presentation, China mobile will introduce the strategic view of edge computing ranging from the edge cloud to on premise devices and its influence on data communication network. As computing resources are deployed with a widely distributed manner, data communication network is facing the challenge of traffic scheduling between thousands or even millions of edge nodes. How new technologies including multicasting, deterministic forwarding, network slicing and in-network computing empower the data communication network in the trend of network-compute-convergence will be discussed.