

DATANET 2016

Dr. Sujata Banerjee

Hewlett Packard Labs

Title:

Data-driven Network Automation

Abstract:

Data Driven approaches are essential in automating network operations and mitigating the operational complexity of large networks with dynamic requirements. The goal is to enable network administrators to provide only high level abstract network requirements with all low level infrastructure-specific configurations being generated automatically. I will illustrate the challenges and open research questions using examples from software defined networking, network functions virtualization and cloud environments.