



THE CHINESE UNIVERSITY OF HONG KONG
Department of Information Engineering

Seminar

SDN/NFV-based Telecom Network Re-architecture

by

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Date : 7 Nov., 2016 (Mon.)
Time : 3:45pm - 4:45pm
Venue : Room 1009, William M.W. Mong Engineering Building
The Chinese University of Hong Kong

Abstract

SDN/NFV is becoming the trend for telecom network transformation and also the key technology for 5G mobile network. This presentation will talk about network re-architecture based on SDN/NFV from telecom operator's perspective and also introduce China Unicom's experience on SDN/NFV deployment. The contents of this presentation include: the main challenges faced by telecom operators and the background of SDN/NFV, current status and challenges of SDN/NFV development in telecom industries, overview of SDN/NFV open-source communities, China Unicom's next generation network architecture and SDN/NFV activities.

Biography

Dr. Xiongyan Tang is now the Chief Technologist and CTO of Network Technology Research, China Unicom, vice chairman of China Communication Standardization Association (CCSA) TC10, vice-chairman of Technical Committee of China SDN/NFV Industrial Alliance. He has more than 20 years of experience in telecommunication technologies. He received his Ph.D degree in telecom engineering from Beijing University of Posts and Telecommunications in 1994. From 1994 to 1997, he conducted research of high-speed optical communications in Singapore and Germany. Since 1998, he has been working on technology management and R&D of innovative telecom services in telecom operators in China. His professional fields include broadband communications, IP networks, optical transmission, and future Internet. In recent years, he's in charge of network transformation based on SDN/NFV at China Unicom.

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