Prof. Deke Guo
National University of Defense Technology, China

Edge Computing is regarded as a new promising paradig

of current cloud computing. It can not only improve the service capacity and application range for the entire network, but also reduce the response delay of services, and improve the execution performance of various big data applications; hence it has its value in both theoretical and practical perspectives. This keynote will discuss the development of representative computation paradigms, including client/server, P2P, cloud computing, and edge computing, and focus on three kind of edge computing paradigms. Then, this keynote will present the design of edge federation framework, hybrid edge computing framework, and mobile-assisted edge computing framework.

Prof. Deke Guo received his B.E. degree from Beijing University of Aeronautic and Astronautic, China, and his Ph.D. degree in School from National University of Defense Technology, China. He is currently a Professor with the College of System Engineering, National University of Defense Technology. His research interests include distributed systems, software-defined networking, data center networking, wireless and mobile systems, and interconnection networks. He is a senior member of the IEEE and a member of the ACM. His research achievements have been integrated in the open-source Hadoop system. He has published more than 200 papers, including 56 papers that have been published by ACM/IEEE transactions journals, such as TON, TOC, TKDE, TPDS, TMC. Addtionally, three papers have been accepted as the Best Paper Award in international conferences, including the IEEE ICNP 2019. He has 50 and 5 first-authored invention patents in China and the United States, respectively. He published 2 books (1st author). In 2020, he has been elected as the CCF-IEEE CS young computer scientist.

Prof. Meiqin Wang
Shandong University,

Prof. Tarik Taleb
Aalto University, Finland

The architectures of mobile networks have seen an unprecedented techno-economic transformation, fusing the telco world within the cloud world, adding the spices of Software Engineering to the overall system design, and ultimately yielding the concept of Telco Cloud. This has brought significant benefits in terms of reducing expenditure and operational costs, flexibility in deployment, and faster time to market. The key enablers are Network Function Virtualization, Software-Defined Networking, and Edge/Cloud Computing. Artificial Intelligence is also kicking in this arena. When all these technologies are well integrated, the creation and lifecycle management of fully programmable, flexible, service-tailored, and automated end-to-end network slices become possible. This will support diverse 5G and beyond 5G services, spanning from Tactile IoT to Pervasive Robotics and Immersive Services.

This talk will showcase how the architectures of different generations of mobile networks have evolved. It will also show the journey that 6G will be likely taking towards enabling a ve

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09:00-09:15	Welcome Speech	Norio Shiratori	Haiping Duan
09:15-09:30	Opening Remarks	Jinfu Qian	Haiping Duan
09:30-09:50	Group Photo Taken		Xin Wang
09:50-10:40	Keynote Speech 1	Deke Guo	Naijie Gu
10:40-11:10			
11:10-12:00	Keynote Speech 2	Meiqin Wang	Lisheng Ma
14:00-14:50	Keynote Speech 3	Tarik Taleb	Xiaohong Jiang

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2021.10.30-2021.11.1 09:00-18:00	58813372994	2021
2021.10.30-2021.11.1 09:00-18:00	60188642795	2021