

Title: Smart Identifier Network and Future Mobility Management Exploration

Abstract: The original architecture for the Internet features three bindings, resource/location binding, user/network binding, and control/data binding. This traditional design is facing critical challenges to fit the significant changes and development of today's Internet, i.e. high-speed mobility supports. We have witnessed many efforts in this aspect to build future mobile Internet architecture. In this talk, we will present our research achievement, Smart Identifier Network (SINET), which will free the Internet from the three bindings and shed light on the design of the next generation mobile Internet. Moreover, we will also introduce its typical applications in mobile environments and discuss some other exploration about future mobility management.



Prof. Hongke ZHANG, Ph.D

Professor & Director

**National Engineering Laboratory of Next Generation Internet
Interconnection Devices**

Beijing Jiaotong University, Beijing, China, 100044

Phone: +86 10-51684026

Email: hkzhang@bjtu.edu.cn