



THE CHINESE UNIVERSITY OF HONG KONG
 Department of Information Engineering
Seminar

**学术报告：国家重点基础研究发展计划（973 计划）
 信息科学领域近年立项项目简介**

by

Professor Lianfeng Shen

**Professor at the National Mobile Communications Research Laboratory
 Southeast University**

Date : 22 March, 2018 (Thur.)

Time : 11:00am – 12:00noon

**Venue : Room 833, Ho Sin Hang Engineering Building
 The Chinese University of Hong Kong**

Abstract

本报告将简要介绍中国近 5 年来的国家重点基础研究发展计划（973 计划）信息科学领域的立项项目情况，就本人作为领域专家咨询组成员担任责任专家的若干项目给出综述，阐述 973 计划是以国家重大需求为导向、对我国未来发展和科学技术进步具有战略性、前瞻性、全局性和带动性的基础研究发展计划。介绍的项目包括能效与资源优化的超蜂窝移动通信系统基础研究（牛志升），高移动性宽带无线通信网络重点理论基础研究（范平志），智能协同宽带无线网络理论基础研究（陆建华），宽光谱信号无线传输理论与方法研究（徐正元）等。

本报告将以普通话进行。

Biography

Professor Lianfeng SHEN received the B.S. degree in Radio Technology and the M.S. degree in Wireless Communications from Southeast University, Nanjing, China, in 1978 and 1982 respectively. He was a visiting scholar and consultant of the Hong Kong Productivity Council during 1991 to 1993. Since 1997, he has been a professor at the National Mobile Communications Research Laboratory of Southeast University. From July 2013, he has served as the member of the Expert Group in Information Science of the National Grand Fundamental Research Program of China (973 Program) appointed by the Ministry of Science and Technology, PRC. He also served as a senior consultant of the Telecom Technology Centre of Hong Kong from 1998 to 1999, and visited The Chinese University of Hong Kong over ten times to cooperating research since 1994. He was invited for his sabbatical leave from July 2013 to October 2013 at Telecom ParisTech. Currently he serves as the Chair of IEEE ComSoc Nanjing Chapter.

Prof. Shen's research interests include the theories and technologies of information, coding, wireless and mobile communications. During recent years, he has been focusing on the broadband mobile communications including wireless Internet, broadband wireless access systems, wireless sensor networks and Internet of things, Ubiquitous Network, Ultrahigh-speed WLAN.

As the first prizeman, Prof. Shen has won over ten times of the Science and Technology Award from Jiangsu Province or Ministries of China, especially three times of the Rank 1 and five times of the Rank 2. He has published eleven books and over 300 papers. He is the main inventor of 45 patents in China. He has gained the special government subsidy rewarded issued by the State Council of China and was commended many times by the Government of Jiangsu Province and the Information Industry Ministry of China.

**** ALL ARE WELCOME ****