

國立交通大學電機工程學系 張仲儒 講座教授

◆ 主要研究領域:

IP-based網路、無線通訊網路、寬頻網路

◆ 演講題目:

Research Topics in Taiwan 5G Mobile Wireless

台灣5G行動無線研究議題

◆ 演講內容簡介:

Wireless 5G的研發時代已經來臨，歐美各國、大陸、日韓均已積極展開，而在台灣，政府也正規劃發展5G行動通訊的藍圖。不管這發展5G架構如何，我們學術界不能置身事外，然我們又當如何努力來貢獻我們的智慧與心力於我國通訊產業。本演講將涵蓋台灣5G行動無線通訊的研究議題，與我們努力的思考方向。



Biography: Chung-Ju Chang received the BE and ME degrees in electronics engineering from National Chiao Tung University, Hsinchu, Taiwan, in 1972 and 1976, respectively, and the PhD degree in electrical engineering from National Taiwan University in 1985. From 1976 to 1988, he was with Telecommunication Laboratories, Directorate General of Telecommunications, Ministry of Communications, Taiwan, as a design engineer, supervisor, project manager, and then division director. He also acted as a science and technical advisor for the Minister of the Ministry of Communications from 1987 to 1989. In 1988, he joined the Faculty of the Department of Communication Engineering, College of Electrical Engineering and Computer Science, National Chiao Tung University, as an associate professor. He has been a professor since 1993 and a chair professor since 2009. He was the director of the Institute of Communication Engineering from August 1993 to July 1995, chairman of the Department of Communication Engineering from August 1999 to July 2001, and dean of the Research and Development Office from August 2002 to July 2004. Also, he was an advisor for the Ministry of Education to promote the education of communication science and technologies for colleges and universities in Taiwan during 1995-1999. He acts as a committee member of the Telecommunication Deliberate Body, Taiwan. Moreover, he served as an editor for IEEE Communications Magazine and associate editor for IEEE Transactions

on Vehicular Technology. His research interests include performance evaluation, radio resources management for wireless communication networks, and traffic control for broadband networks. He is a member of the Chinese Institute of Engineers and the Chinese Institute of Electrical Engineers. He is a fellow of the IEEE.