



香港城市大學
City University
of Hong Kong

Department of Electronic Engineering
Presents a Seminar on

IPv6 Mobility for 3/4G Systems

by

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Date : 14 July 2006 (Friday)
Time: 11:30am – 12:30pm
Venue: G6302, 6/F, Green Zone, Academic Building
City University of Hong Kong
Tat Chee Avenue
Kowloon Tong
Language: English

Abstract

The day will come when PDAs and Mobile phones have an IP address. The fact that the IPv4 address space could never cover the demand for that number of IP addresses, imagine configuring those devices with the means we have currently. While Internet technologies have succeeded in overcoming the barriers of time and distance, they have yet to fully accommodate the increasing mobile computer usage. This is particularly true of the emerging 3G or 4G mobile networks. The use of 3G networks is not based on only one standard, but several such as CDMA 2000, EDGE and WCDMA. There is a need for a common mobility solution to be adopted that would include independence of access network technologies and common solutions for fixed and wireless networks. Mobile IP is a promising technology to serve this purpose.

About the speaker

Han-Chieh Chao is a Full Professor of the Department of Electronic Engineering, Dean of the Library & Information Technology Office, and Director of the Planning Office for the Institute of the Computer Science & Information Engineering and College of Electrical Engineering & Computer Science, National Ilan University, I-Lan, Taiwan, R.O.C. His research interests include High Speed Networks, Wireless Networks, IPv6 based Networks, Digital Creative Arts and Digital Divide. He received his MS and Ph.D. degrees in Electrical Engineering from Purdue University in 1989 and 1993 respectively. He has authored or co-authored 4 books and has published about 140 refereed professional research papers. He has completed 34 MSEE thesis students. Dr. Chao has received many research awards, including Purdue University SRC awards, and NSC research awards (National Science Council of Taiwan). He also received many funded research grants from NSC, Ministry of Education (MOE), RDEC, Industrial Technology of Research Institute, Institute of Information Industry and FarEasTone Telecommunications Lab. Dr. Chao has been invited frequently to give talks at national and international conferences and research organizations. Dr. Chao is also serving as an IPv6 Steering Committee member and co-chair of R&D division of the NICI (National Information and Communication Initiative, a ministry level government agency which aims to integrate domestic IT and Telecom projects of Taiwan), Co-chair of the Technical Area for IPv6 Forum Taiwan, the executive editor of the Journal of Internet Technology and the Editor-in-Chief for International Journal of Internet Protocol Technology and International Journal of Ad Hoc and Ubiquitous Computing. Dr. Chao is an IEEE senior member.

**** ALL ARE WELCOME ****

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