



中央研究院 資訊科學研究所
Institute of Information Science, Academia Sinica

Distinguished Lecture Series

Deploying Applications in Next Generation Networks

Tuesday, May 4th, 2010 10:00 am
Auditorium 106 at new IIS Building



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Abstract

Today, same Internet services are accessed using different terminals over various types of networks. Under next generation network architecture, we are able to integrate the separate worlds of audio, video, data and voice services. Specifically, the borders between fixed-line and wireless mobile networks are disappearing.

In this talk, we introduce the broadband network environment in Taiwan, and describe a Next Generation Network (NGN)/IP Multimedia Subsystem (IMS) deployed by Chunghwa Telecom. This NGN/IMS network is commercially operated to support over 500 thousands subscribers. Based on this NGN/IMS network, we show how wireless Internet services such as Multi-media on Demand (MOD), IMS Emergency Calls, Push-to-Talk over Cellular (PoC) can be developed under digital convergence. We also elaborate on how to conduct analytic modeling to evaluate the performance of these applications.

For more information: <http://www.iis.sinica.edu.tw/>

