

**REVISED**

**In Favour of Posting**



THE CHINESE UNIVERSITY OF HONG KONG  
Institute of Network Coding  
and  
Department of Information Engineering  
*Seminar*



## **Network Coding and Cyclic Convolutional Codes**

by

**Dr. Fai-Lung Tsang**

**The Hong Kong University of Science and Technology**

and

**Institute of Network Coding**

**The Chinese University of Hong Kong**

**Date : 24 November 2010 (Wednesday)**

**Time : ~~2:30–3:30 pm~~ 11:30 am – 12:30 pm**

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

### *Abstract*

In this talk, he will explain how R. Koetter and F. R. Kschischang using the idea of linear network coding to introduce the subspace network coding. He will talk about the possible generalization for networks with delays and cycles using module over rings, also talk about how *cyclic* convolutional codes can be used in this generalized framework.

### *Biography*

Fai-Lung Tsang studied mathematics in Hong Kong, Sydney, and the Netherlands. He received his PhD from the University of Groningen in 2008. His interest is in coding theory (in the broad sense) and vector bundles on curves.

**\*\*ALL ARE WELCOME \*\***