Date: April 3rd (Tue.) 2012
Time: 13:00－17:00
Venue: Tokyo Tech. Ookayama Campus, Main Building 1F, H111
(東工大・大岡山キャンパス本館 H111)

Programme:

13:00-14:15 William Lam (The Hong Kong Polytechnic University)
Intelligent Transport Systems (ITS) in Hong Kong: Recent Development and Future Applications

14:15-14:45 Takamasa Iryo (Kobe University)
Empirical Study on Demand Change of an Urban Expressway Caused by Incidents

14:45-15:00 Break

15:00-17:00
Chong Wei (Tokyo Institute of Technology)
A Statistical Approach to Traffic Estimation on Stochastic User Equilibrium Networks

Ma Jiangshan and Daisuke Fukuda (Tokyo Institute of Technology)
Hyperpath-Based Route Guidance

Takahiko Kusakabe (Tokyo Institute of Technology)
Behavioural Analysis of Smart Card Data

Yusuke Hara and Eiji Hato (The University of Tokyo)
 Tradable Permit System for Mobility Sharing
Intelligent Transport Systems (ITS) in Hong Kong:  
Recent Development and Future Applications

William Lam (The Hong Kong Polytechnic University)

Abstract

Various data collection methods and advanced techniques have been developed in the past decade for estimation of real-time traffic information in freeway and/or expressway corridors. New systems have recently been developed for estimation of real-time travel times on major roads in congested urban areas of Hong Kong. This seminar will give an overview of recent development of intelligent transport systems (ITS) in Hong Kong together with future potential applications. It will cover various ITS development in Hong Kong including their applications and validation results. Future research on this important topic will also be discussed together with the related research works that have recently been carried out in the Hong Kong Polytechnic University.