

BRE DISTINGUISHED LECTURE

Smart Cities: A Cost-Benefit Study Framework in the Digital Age



Speaker:

Prof. Patrick LAM Tsun Ip

Professor, Academic Advisor & Award Coordinator of MSc/PgD in Project Management, Department of Building & Real Estate, The Hong Kong Polytechnic University

About the Speaker :

Prof. Patrick Lam has had rich professional and academic experiences since graduating from The Hong Kong Polytechnic in the 1980s. On the professional side, he had practised for 10 years in multi-disciplinary design office, consultant quantity surveyors and contractor/developer both in Hong Kong and Singapore. On the academic side, he has had substantial experience lecturing on undergraduate and postgraduate programmes in universities and polytechnics both locally and overseas. Whilst teaching, Prof. Lam is active in research and consultancy projects. Prof. Lam is the awardee of the Departmental Award for Outstanding Teacher (2015/16).

Prof. Lam's research focuses on procurement systems, project financing, public-private partnership and business models, construction contracts and specifications, quality and buildability issues, emission trading and smart cities.

About the Lecture:

Prof. Lam is leading a team working on a General Research Fund study on Cost-Benefit Analysis for smart city projects, the first of which concerns Car Parking Apps in Hong Kong. He will be exploring this subject with participants in the Lecture.

A smart city project embraces both direct and indirect benefits and costs. Externalities come into the picture but they are often difficult to quantify. Despite this barrier, policy makers need to carry out Cost-Benefit Analysis (CBA) to decide on the huge investments to make a city smart. A research is being conducted, focusing on the identification of costs (on a life cycle basis) and benefits associated with smart city project developments. Through the use of established methods, the aim is to build up a framework for carrying out CBA of smart city projects. The findings will be useful for policy makers of cities.



Date

11 April 2018 (Wednesday)

Time

6:30pm – 8:00pm

(Registration from 6:00pm)

Venue

ST111, 1/F, Core S, The Hong Kong Polytechnic University, Hung Hom, Kowloon

(Successful applicants will be informed of details by email)

Medium

English

Fee

Free of Charge

All interested are welcome.

For details and reservation, please visit

