

**ROAD MAP OF ELECTRIC VEHICLE
DEVELOPMENT AND COMMERCIALIZATION**

Time: 2:00PM -5:00PM

Date: 12 May 2014

**Venue: Room 3505, Academic 2 (AC2), City University of Hong
Kong, Tat Chee Avenue, Kowloon, Hong Kong**

Organizers

- School of Energy and Environment, City University of Hong Kong
- Hong Kong Association of Energy Service Companies
- Hong Kong Green Strategy Alliance



Supporting Organizations

- Friends of the Earth (HK)
- Environmental Division of the Hong Kong Institution of Engineers
- Hong Kong Association of Energy Engineers

Background

Continual development of the transport sector is essential to cope with the rapidly growing economy. Accordingly, there are rising concerns about sustainable balance among the economy, environment and energy security. It is particularly urgent to reduce the automotive air pollutant and greenhouse gas emissions. Electric vehicle (EV) technologies play an important role for the development of alternative automotive fuels, new automotive propulsion systems, advanced integrated vehicle dynamics control and smart grid.

Objectives

The main objectives of this symposium are:

- to raise knowledge on latest energy technologies, policies, future challenges of electric vehicles (EV);
- to promote academic and professional exchange in EV policies and technologies.

Target Audience

Professionals, engineers, consultants, government officials, policy makers, scientists, researchers and academics.

About the Presentations and Speakers

(1) Renaissance and Road Map of Electric Vehicle Commercialization – Ir Prof. C C Chan

To cope with the current complex economical, societal and technical challenges in the new era, it is vital to be open-minded. Namely, to integrate the Chinese ancient civilization and the western modern civilization, to uphold the spirit of renaissance. Renaissance scientists and engineers are those not only understand Why and How Things work but also on Why and How the World works. The characters of renaissance scientists and engineers can be summarized as 1. Global thinking instead of local thinking; 2. Circle thinking instead of linear thinking; 3. Closed loop thinking instead of open loop thinking; 4. Life cycle thinking instead of partial life thinking; and 5. Harmony thinking between human and nature. In short, we should have all round universe perspectives. We should be open-minded. We should have the courage to Change. We should promote the philosophy of engineering, which is system integration, including vertical integration and horizontal integration. In this seminar, the speaker will discuss about the key challenges, key technologies, applications area and business model that enabling the commercialization of electric vehicles in detail, with special reference in Hong Kong SAR and China.


Ir Prof. C C Chan holds BSc, MSc, PhD, HonDSc, HonDTech degrees from China University of Mining & Technology, Tsinghua University, University of Hong Kong, Odessa Polytechnic University and Loughborough University UK respectively. He has had over 50 years academic and industrial experience.

He is currently Honorary Professor and Former Head of the Department of Electrical and Electronic Engineering, the University of Hong Kong, and the Past President of the Hong Kong Institution of Engineers. He has served as Visiting Professor of a number of well-known universities around the world, including MIT, University of California Berkeley, University of Cambridge, etc. He is the Founder of the World Electric Vehicle Association. He also serves as Senior Consultant to governments and industries worldwide. Prof. Chan is a Fellow of the Royal Academy of Engineering, U.K., the Chinese Academy of Engineering, the Ukraine Academy of Engineering Sciences, Hungarian Academy of Engineering and the Hong Kong Academy of Engineering Sciences. He is a Fellow of IEEE, IET and HKIE. He received the IEE International Lecture Medal in 2000 and delivered lectures on electric vehicles worldwide. He was selected as one of Asia's Best Technology Pioneers by Asiaweek in 2001, named as "Father of Asian Electric Vehicles" by Magazine Global View, and named as "Pitamaha (Grandfather) of Electric Vehicle Technology" in India. He received the "Environmental Excellence in Transportation Award" from the Society of Automotive Engineers U.S.A. in 2007; Gold Medal by the Hong Kong Institution of Engineers in 2010; Medal for Engineering Excellence by the World Federation of Engineering organizations (WFEO) in 2013.

(2) The Promotion of Electric Vehicles in Hong Kong – Ir W C Mok

There are suggestions that Hong Kong is most suitable for the use of electric vehicles because of its small size. However, there are challenges in promoting a wider use of electric vehicles. The presentation will explain the policy and measures of the Hong Kong Government in doing so.

Ir W C Mok started his career with the power industry and joined the Hong Kong SAR Government in 1987 as an Environmental Protection Officer. Before promoting to Assistant Director of Environmental Protection (Air Policy), he worked in different air quality areas including air dispersion modelling, air planning, vehicle emission control, and others. He is now responsible for air quality policy.

Time & Date	14:00 – 16:30; 12 May 2014 (Monday)
Venue	Room 3505, Academic 2 (AC2), City University of Hong Kong, Tat Chee Avenue, Kowloon, Hong Kong
Language	English
Registration Fee	Free of charge
Registration	<ul style="list-style-type: none"> • For CityU staff and students, please click below for online registration: http://cap.cityu.edu.hk/postPublic.aspx?id=I16g3320b140004L414128 • For other participants, please submit the enclosed reply slip. <p>Notes:</p> <ul style="list-style-type: none"> - Registration deadline: 10 May 2014 - Seats are reserved on a first-come, first-served basis. 
CPD	Attendance certificates will be issued upon request.
Enquiries	Miss HUANG Ting Ting [Tel: 3442 7359; Email: phylis.huang@cityu.edu.hk]

Programme

12 May 2014 (Monday)

14:00

Registration

14:15

Welcoming Remarks

- ◆ *Prof. Way KUO, President and University Distinguished Professor, City University of Hong Kong*

Opening Address

- ◆ *Ir Dr. Hon W.K. LO, BBS, MH, JP, Chairman, Hong Kong Green Strategy Alliance*

Renaissance and Road Map of Electric Vehicle Commercialization

- ◆ *Ir Prof. C C Chan, Honorary Professor, Department of Electrical and Electronic Engineering, The University of Hong Kong*

The Promotion of Electric Vehicles in Hong Kong

- ◆ *Ir W C Mok, Assistant Director of Environmental Protection (Air Policy) of the HKSAR Government*

- ◆ *Q&A Session*

(Mr Dominic Yin, the chairman of the Hong Kong Association of Energy Service Companies, will be the MC of the symposium and moderator of the Q&A session)

17:00

End

The event programme is subject to change

Organizers:

- School of Energy and Environment, City University of Hong Kong
- Hong Kong Association of Energy Service Companies
- Hong Kong Green Strategy Alliance

Symposium on
Road Map on Electric Vehicle Development and Commercialization

Reply Slip 回條

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- I will attend this Seminar:

Name/姓名: _____

Company Name/公司名稱: _____

Email Address/電郵地址: _____

Contact Phone No./聯絡電話: _____

- Other participants/其他參加者:

Name/姓名	Company Name/ 公司名稱	Email Address/ 電郵地址	Contact Phone No./ 聯絡電話

Please return the reply slip by E-mail: phylx.huang@cityu.edu.hk or fax: 3442 0688.