

## **Research Seminar on Emerging Research Directions of AI Technology and Green Transport Development**

**Date: 21 July 2025 (Monday)**

**Time: 2:30 pm - 4:30 pm**

**Venue: WK-S-102 (Hybrid with both face-to-face and online )**



**Speaker: Ir Mr. Steven Hing Yu HO**  
Head of Sustainability  
The Hongkong Electric Co., Ltd. (HK Electr)

**Topic**  
Sustainability of Green Transport in Hong Kong

### ***Biography***

Ir. (Engineer) Steven HO has been working in the power industry for over 30 years holding of various key positions in multi-disciplines infrastructure projects covering power generation, transmission and distribution of electricity, toll road, etc. both in overseas and Hong Kong. Steven possesses solid experiences in power system development, sustainability, climate change strategies and environmental protection.

Steven joined HK Electric after his graduation in electrical and electronic engineering. He is a Chartered Engineer, and a corporate member of The Hong Kong Institution of Engineers (HKIE) and the Institution of Engineering and Technology (UK) in the United Kingdom.

Currently, Steven is the Head of Sustainability of HK Electric leading a team of professional engineers responsible for environmental compliance, licensing, carbon management and sustainable development of HK Electric.



**Speaker: Prof. Haisheng ZHEN**  
Professor  
School of Mechanical and Electrical Engineering  
Hainan University

**Topic**  
A study of fires involving lithium-ion batteries in green transport

### ***Biography***

Prof. Zhen is serving as the director of Fire Investigation Lab of Hainan Haikou City. He received his PhD from the Mechanical Engineering Department of the Hong Kong Polytechnic University in 2010. Then he continued to serve PolyU as researcher till 2016. After that, he joined Hainan University, as a professor at the School of Mechanical and Electrical Engineering.

His research interest includes thermal and power engineering, fire and new energy. Prof Zhen has published over 60 papers, over 10 patents, and obtained over 5 million dollars funding amount.

**Please click [HERE](https://forms.office.com/Pages/ResponsePage.aspx?id=tB4mbr-DhUWMwhMNAYjggYyyGs_osERHuJg0xiNe22NUNkVSVFRSMLpWU1FRMkNTRE45TzhWREpJNi4u) to register or open the below link in your own browser**

**[https://forms.office.com/Pages/ResponsePage.aspx?id=tB4mbr-DhUWMwhMNAYjggYyyGs\\_osERHuJg0xiNe22NUNkVSVFRSMLpWU1FRMkNTRE45TzhWREpJNi4u](https://forms.office.com/Pages/ResponsePage.aspx?id=tB4mbr-DhUWMwhMNAYjggYyyGs_osERHuJg0xiNe22NUNkVSVFRSMLpWU1FRMkNTRE45TzhWREpJNi4u)**

***This seminar is fully supported by the grants from the Research Grants Council of the Hong Kong Special Administrative Region, China (Project No. UGC/IIDS24/E01/24).***