



## Hong Kong Institute of Project Management

香港項目管理學會



HKIPM Free CPD Webinar

### Application of **Design Thinking** Techniques to Managing a **Mega-Project**

19:00 – 20:30 | 30 June 2021  
Online via Zoom

**Language:** Cantonese (supplementary with English terminology)

**Fee:** Free of charge (Zoom link will be provided after registration)

**CPD claim:** 1.5 hour

#### **About Speaker:**

Ir Henry Cheung was a graduate of the University of Toronto Faculty of Applied Science and Engineering, Division of Engineering Science. He also attained the qualification of Master of Business Administration from Deakin University in Melbourne, Australia.

Ir Henry Cheung has over 30 years' experience in the railway engineering industry, serving in various capacities in the client, consultant and supplier organization and has delivered railway systems around the world. His most notable contribution was his leadership in the first replacement of a signaling system to the Hong Kong MTR network and the introduction of the first Communication Based Moving Block Train Control system to the KCRC West Rail and Ma On Shan Lines.

Ir Cheung is renowned in the local engineering community and global railway industry. He has served in various positions in many professional institutions and has lectured in post-graduate level railway engineering courses.

Ir Cheung is a Registered Professional Engineer (Electronics and Control, Automation & Instrumentation); Chartered Engineer (United Kingdom); Professional Engineer (Ontario, Canada); Fellow of the Institution of Engineering and Technology; Fellow of the Hong Kong Institution of Engineers, Fellow of the Institution of Railway Signal Engineers; Senior Member of the Institute of Electrical and Electronic Engineers; and Fellow of the Hong Kong Information Technology Joint Council. He is also actively involved in the profession: being a Council Member of the Hong Kong Institution of Engineers; executive member of the Hong Kong Information Technology Joint Council; Vice Chairman of the Railway Signal Engineers Hong Kong Branch; member of the Hong Kong Institution of Engineers Electronics Professional Advisory Panel; Board member of the Smart City Consortium; member of the Consultative and Advisory Panel of the Hong Kong Internet Registration Corporation Limited; member of the Advisory Committee, Department of Electronic Engineering, Chinese University of Hong Kong; past Chairman of the Institution of Engineering and Technology Hong Kong branch; past Chairman of the Hong Kong Institution of Engineers Electronics Division; and past member of the Divisional Advisory Panel for the Electrical and Electronics Engineering Department, University of Hong Kong.

Ir Cheung is currently the Managing Director of KONE Elevator (Hong Kong) Limited.

### **Seminar Highlight:**

Professor John E Arnold first wrote about the concept of design thinking in his 1959 book entitled “Creative Engineering” and later on developed in the next 50 years into a household word today. People usually associate design thinking to innovation and creativity or “user experience”. In management of mega-size projects, the modern belief is to deploy some project management tools to monitor project parameters including plan, progress, resources, and cost. If there was deviation from these parameters, attempts would be made to adjust these factors to bring the project back on track. Sometimes, it is very difficult to consider which is the best approach with the very inter-mingled dependencies between various factors and constraints.

In fact, the technique of design thinking can be applied to determine the most suitable approach to manage a mega project. This seminar outlines the principles of design thinking, and how it can be used to help project managers to have better control over the delivery of such projects on time, and within budget.

**To enroll:** Please click on: <https://bit.ly/2TsYrQF> or scan the QR code:  
(Confirmation email with link to ZOOM Meeting will be sent out by email two days before the event.)



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