

Technical Seminar

MiMEP & Digital Twin-enabled Smart Energy System for Modern Building Electrical Engineering

Date: 12th Oct 2026 (Monday)

Time: 6:30PM – 8:00PM

**Venue: Chun Wo & Hsin Chong Room, 10/F, HKIE
HQ and online**

**Language: Putonghua (Session 1) and Cantonese
(Session 2) with English terminology
and PPT**

Organized by: HKIE EL division

Registration



This seminar focuses on the latest digital transformation and low-carbon development in building electrical and MEP (Mechanical, Electrical, and Plumbing) engineering.

Section 1 MiMEP:

The first session introduces MiMEP (Modular Intelligent MEP) system, covering digitalised MEP integration, intelligent workflow and practical adoption for new and existing buildings.

Section 2 Digital Twin Smart Energy System:

The second session focuses on Digital Twin technology and smart energy management. It shares real-site implementation of Solar PV generation, EV charging, load balancing and BESS energy storage systems. The session aims to provide electrical practitioners with practical solutions for energy saving, carbon reduction and intelligent building operation optimisation.

Speaker:

Dr. Wei Qiu

Dr. Wei Qiu is the Technical Director of COIT(HK). He obtained Doctoral of Philosophy in composite structure from Imperial College, UK in 2016. After a year of postdoctoral research, he joined China State Construction and subsequently promoted to Associate General Manager. In 2024, he transferred to COIT under China Overseas Holding. He is an expert in embodied AI, spatial intelligence and sustainable solution.

Mr. James Mak

Mr. James Mak is the Senior Technical Engineer of COIT(HK). He graduated from the University of Calgary, Canada, with a Double Degree in Electrical Engineering and Economics. With over 10 years of experience in the electrical engineering field, he has contributed to the semiconductor and electrical engineering industries, led product development and manufacturing for solutions such as digital LED dimmers, an EC Jet Fan DDC system compliant with BEC 2024, and a SmartZone controller integrating lighting and ventilation control. His current focus lies in building services and automation.

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for Modern Building Electrical Engineering

Registration

- ✓ This seminar will be held in **Chun Wo & Hsin Chong Room, 10/F, HKIE HQ and online**
- ✓ Please register online at this link:



<https://forms.cloud.microsoft/Pages/ResponsePage.aspx?id=Tj-JM5czq0y7PJlkv36vutF8FfD2vOZOv5HIVv2-RbNUQk1LQk5TQjVHVJIV0hIV1IYQktXMUg2TS4u&origin=QRCode>

- ✓ Due to limited seats, the application will be accepted on a first-come first-served basis. Priority will be given to members of EL Division. Successful applicants will be notified 2 days before the seminar.
- ✓ The deadline for registration is 8 Oct 2026. Successful participants for the seminar will receive email notification by 10 Oct 2026.
- ✓ Any applicants not getting the confirmation email by 11 Oct 2026 are assumed unsuccessful.