

Seminar on Novel Recycling End-of-Life Lithium Ion Battery Process for Electric Vehicle Application

[Registration](#)


Free Seminar



20 November 2026
14:30-16:00

Room 123, 1/F, HKPC
Building, 78 Tat Chee
Avenue / Zoom meeting

Cantonese and
Putonghua

Those with interest in
lithium-ion batteries
industry

With people becoming more aware of environmental protection, Electric Vehicle (EV) or Hybrid EV have dominated half of automotive market. The shelf life of lithium ion battery (LIB) is about 4 - 7 years, which incurred in 2020 around 160,000 tons of end-of-life (EOL) LIBs in China, thus, recycling EOL LIB is a hot topic in battery manufacturing and EV industry.

In this seminar, HKPC experts will introduce a novel recycling method for both electrodes, which can directly regenerate cathode and anode materials to manufacture new LIB, and partly extract graphene (upcycling product from graphite) from EOL battery, increasing the types of recyclable products in LIB, and reduce environmental pollution and resource waste.

Outline

Date	Activities	Speakers
14:30 – 15:00	HKPC's Technology Development of Lithium-ion Batteries and Innovation and Technology Commission Project Sharing	Mr Man Lung YICK Consultant, SMD, HKPC
15:00 – 15:30	Lithium-ion battery technology and its applications	Dr Mengyang XU Postdoctoral Researcher, SMD, HKPC
15:30 – 16:00	Development of Novel Recycling End-of-Life (EOL) Lithium Ion Battery (LIB) Process for Electric Vehicle (EV) Application	Ms Camille LIU Technical Officer, SMD, HKPC

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