



# ISLBFS 2025

## 4<sup>th</sup> International Symposium on Lithium Battery Fire Safety



### 4<sup>th</sup> International Symposium on Lithium Battery Fire Safety (ISLBFS 2025)

30 October – 2 November 2025

HONG KONG



### Welcome message

Welcome to the 4<sup>th</sup> International Symposium on Lithium Battery Fire Safety (ISLBFS 2025) on 30 Oct - 2 Nov 2025 in the vibrant Asia's world city of Hong Kong. The Symposium continues its mission to advance research and applications in lithium-ion battery fire safety. Since its inception in 2019, ISLBFS has become a biennial event that attracts experts, scholars, and professionals worldwide. <https://batteryfire2025.com/>

15 Mar 2025	Deadline for abstract
31 Mar 2025	Notification of acceptance
15 Jul 2025	Deadline of paper/long abstract
1 Aug 2025	Notification of presentation
31 Aug 2025	Early Bird Registration

#### SYMPOSIUM THEMES

##### Battery Fire Dynamics

- Heat generation, thermal runaway and propagation of battery
- Fire and explosive dynamics of battery crossing scales
- Fire in electric vehicles and battery energy storage systems
- Modelling of the ignition, spread, and extinction of battery Fire

##### Battery Fire Hazards, Regulations, and Environmental Impacts

- Gas emission and toxicity of Lithium-based battery
- Fire safety codes, test standards, and codes of practice
- Fire safety improvement and measures in battery production
- Fire Risk of battery transportation, storage, usage and disposal

##### Advanced Technologies for Battery Fire Safety

- Early warning, detection and prediction of battery fire
- Advanced materials for improving battery fire safety
- Novel fire suppression agents and technologies for battery
- Smart firefighting of EV and battery energy storage station



#### Organizer:

THE HONG KONG  
POLYTECHNIC UNIVERSITY  
香港理工大學

#### Hosting Partners:



Please contact the Secretariat of ISLBFS via: [battery.safety@polyu.edu.hk](mailto:battery.safety@polyu.edu.hk)