



Energy Institute – GP Batteries Joint Workshop On Advanced Batteries

Program

Date: August 14, 2019 (Wednesday)

Time: 13:30 pm – 17:30 pm

Venue: Rm 2549, Lifts 27-28, Academic Building, HKUST

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| 13:30 | Opening remark |
| 13:30-14:00 | Solid-State electrolytes for Supercapacitors Prof Baoling Huang <i>Department of Mechanical and Aerospace Engineering, HKUST</i> |
| 14:00-14:30 | Ni-rich layered cathode materials with high power densities for Li-ion batteries Prof Minhua Shao <i>Department of Chemical and Biological Engineering, HKUST</i> |
| 14:30-15:00 | Nanotech. & Catalysis in Mg-based Materials for Onboard & Stationary Hydrogen Storage Prof Huaiyu Shao <i>Institute of Applied Physics and Materials Engineering, University of Macau</i> |
| 15:00-15:40 | Challenges for GP Batteries Dr Mingde Wang <i>GP Batteries Hong Kong</i> |
| 15:40-16:00 | Coffee Break |
| 16:00-16:30 | Investigations of zinc-bromine flow batteries for energy storage Dr Maochun Wu <i>Department of Mechanical and Aerospace Engineering, HKUST</i> |
| 16:30-17:00 | Rational design of lithium anode structure for high-performance lithium metal batteries Dr Lianbo Ma <i>Department of Mechanical and Aerospace Engineering, HKUST</i> |
| 17:00-17:30 | Non-Flammable and Safe Solid-State Li-ion Batteries Dr Chin To Stephen KWOK <i>Department of Mechanical and Aerospace Engineering, HKUST</i> |