

IAS ACERC 2024 International Symposium Program

UNSW (Australia) –Yokohama National Univ. (Japan)

Onsite meeting at YNU, on Jun. 27th, 2024

(Department of Science and Technology, Lecture Hall A Room 303)

13:00 – 13:05 Greeting ceremony, Naoaki Yabuuchi

13:05 – 13:45 Neeraj Sharma (UNSW)

Title: Understanding Battery Materials

13:45 – 14:15 Naoaki Yabuuchi (YNU)

Title: Nanostructured Positive Electrode Materials for Li-ion Battery Applications

14:15 – 14:25 rest

14:25-14:50

Jian Peng (UNSW)

Title: Re-use of Recycled Cathode Materials for Lithium-ion Batteries

14:50-15:15

Ryoichi Tatara (YNU)

Title: Concentrated Electrolytes for Li-ion and Li-O₂ Batteries

15:15-15:40

Matthew Teusner (UNSW)

Title: The lithiation mechanism of metal dicarboxylates

15:40 – 15:50 rest

15:50 – 16:15

Yosuke Ugata (YNU)

Title: Toward high-energy lithium/sodium metal batteries with highly concentrated electrolytes

16:15 – 16:40

Daniel Alan Brocklebank (UNSW)

Title: Batteries and explosives

16:40 – 16:45 Closing ceremony

16-45 – Lab tour and Dinner