

2nd Ph. D Students Battery Forum in Japan

Organizer: Naoaki Yabuuchi, Yokohama National University, sponsored by NEWARE

**Onsite meeting at TKP Garden City PREMIUM Yokohama Landmark Tower, Conference Room H,
Yokohama, on Oct. 13th–14th, 2026**

13th Oct.

14:00 – 14:10 Greeting ceremony, Naoaki Yabuuchi and NEWARE

14:10 – 14:35 Zhihao Chen (Ritsumeikan Univ.)

Title: Topology of entropy-engineered counter-ion frameworks enhances ionic transport

14:35 – 15:00 Takashi Yabu (Hokkaido Univ.)

Title: Substitution-Driven Design of Oxide Cathodes for Rechargeable Magnesium Batteries

15:00 – 15:15 rest

15:15 – 15:40 Kenta Nakanishi (Hokkaido Univ.)

Title: Exploring Fluoride-Based Coating Materials for High-Voltage Cathodes: From Li systems to Na Systems

15:40 – 16:05 Keitaro Imai (Osaka Metropolitan Univ.)

Title: Advantages of Cluster-Like Local Structures in Amorphous MoS_x (x = 3, 4, 5.5) as Positive Electrode Active Materials for All-Solid-State Batteries

16:05 – 16:30 Xianghao Song (Nagoya Univ.)

Title: Nanoporous Aluminum Sheet Anode for High-Capacity All-Solid-State Batteries

16:30 – 16:40 rest

16:40– 17:05 Zhansauke Bagindyk (Yokohama National Univ.)

Title: Development of high-performance Mn-based layered positive electrodes for sodium Batteries

17:05 – 17:15 Closing ceremony

18:00 – Dinner and scientific discussions

14th Oct.

10:00 – Lab tour in YNU and free discussions