

[TS02W2]**Nanomaterials for the Next-Generation Batteries 2**

Date & Time	July 3(Wed.), 2024 / 15:40–17:25
Place	Room 306
Session Chair(s)	Wonhee Ryu (Sookmyung Women's Univ.)

TS02W2_O_1

15:40–15:55

Advanced Lithium Sulfur-Batteries using Electrochemically Active MoO₃@TiN-Based Sulfur Host with Dynamically Enhanced Built-in Electric Field

Jeongyoub Lee, Wooyoung Jeong, Soobin Lee, and Jooho Moon

*(Yonsei University)***TS02W2_I_2 *Invited**

15:55–16:25

Metal-Organic-Framework-Based Quasi-Solid-State Electrolytes for Lithium Batteries

Panpan Dong, Xiahui Zhang, William Hiscox, Juejing Liu, Julio Zamora, Xiaoyu Li, Muqiao Su, Qiang Zhang, Xiaofeng Guo, John McCloy, and Min-Kyu Song

*(Washington State University)***TS02W2_I_3 *Invited**

16:25–16:55

Mapping and Modeling Physicochemical Fields in Solid-State Batteries

Shou-Hang Bo

*(Shanghai Jiao Tong University)***TS02W2_I_4 *Invited**

16:55–17:25

High-Performance Sodium-Ion Battery using Copper Sulfide Anode and NASICON-Type Cathode

Jong Min Yuk

(KAIST)