

Session Code	[01] MoA1
Session Title	Li-Ion Battery 1
Date and Time	Monday, October 4, 2021 / 10:30-12:15
Session Room	Room A (Samda A)
Session Chair(s)	Chunjoong Kim (Chungnam Nat'l Univ., Korea) Hyun Deok Yoo (Pusan Nat'l Univ., Korea)

[[01] MoA1-1] Invited Talk **10:30-10:55**

Chemical Prelithiation of High-Capacity Anodes Enabled by Tailoring Molecular Structure and Solvation Structure of Li-Arene Complex

Jihyun Hong (*KIST, Korea*)

[[01] MoA1-2] Invited Talk **10:55-11:20**

A Cooperative Biphasic MoO_x–MoP_x Promoter Enables a Fast-Charging Lithium-Ion Battery

Min-Sik Park (*Kyung Hee Univ., Korea*)

[[01] MoA1-3] **11:20-11:35**

Novel Carbon Composite Nanostructured Anode for Enhanced Lithium Storage Performance

Kue-Ho Kim and Hyo-Jin Ahn (*Seoul Nat'l Univ. of Science and Tech., Korea*)

[[01] MoA1-4] Invited Talk **[Online] 11:35-12:00**

Rational Design of Porous Carbon Based Composites for Energy Storage and Conversion

Hao Liu and Guoxiu Wang (*Univ. of Tech. Sydney, Australia*)

[[01] MoA1-5] **12:00-12:15**

Mesoporous Sulfur-Doped Carbon Nanofibers Composite Embedded with Zinc Sulfide Nanoparticles for Ultrafast Electrochemical Performance

Ki-Wook Sung, Bon-Ryul Koo, and Hyo-Jin Ahn (*Seoul Nat'l Univ. of Science and Tech., Korea*)