Session Code	[01] TuA1
Session Title	All Solid State Battery
Date and Time	Tuesday, October 5, 2021 / 10:40-12:05
Session Room	Room A (Samda A)
Session Chair(s)	Yong Min Lee (DGIST, Korea)

[[01] TuA1-1] Invited Talk 10:40-11:05

Digital Twin-Driven 3D Structural and Electrochemical Modeling for All-Solid-State Batteries

Yong Min Lee *(DGIST, Korea)*

[[01] TuA1-2] 11:05-11:20

Design of High Performance All-Solid-State Lithium Metal Thin-Film Battery: Through the Interface Engineering Approach

Jong Heon Kim and Hyun-Suk Kim *(Chungnam Nat'l Univ., Korea)*

[[01] TuA1-3] [Online] 11:20-11:35

Li, N Co-Controlled Lithium Phosphorous Oxy-Nitride(LiPON) Electrolyte Coating for Enhancing Ionic Conductivity using ALD

Tae Joo Park, Ha Yeon Kwon, and Seong Hwan Hong *(Hanyang Univ., Korea)*

[[01] TuA1-4] 11:35-11:50

Enhancement of Ionic Conductivity of a Composite Polymer Electrolyte via Surface Functionalization of SSZ-13 for All-Solid-State Li-Metal Batteries

Hasan Jamal, Hyeong Rok Si, and Jae Hyun Kim *(DGIST, Korea)*

[[01] TuA1-5] 11:50-12:05

Reducing Interfacial Resistance via Novel Fabrication Process for All-Solid-State Li Metal Battery

Kwangmo Go, Jong Heon Kim, Hyun-Suk Kim, and Kyung Jin Lee *(Chungnam Nat'l Univ., Korea)*