



IUMRS-ICEM 2018

AUGUST 19(SUN.) - 24(FRI.), 2018 / DAEJEON, KOREA

| | | | |
|----------------------|---|---------------------|--------------|
| Session Title | Characterization tools and anode materials | Session Code | We-A1 |
| Date and Time | 2018-08-22 / 10:30 - 12:30 | | |
| Place | Room A | | |
| Session Chair | TBA | | |

We-A1-1

10:30 - 11:00

[Invited]Revealing Spatio-Dynamics of Lithium Battery by Synchrotron-based X-Ray Microscopy

Jongwoo Lim
Seoul Nat'l Univ., Korea

We-A1-2

11:00 - 11:15

Superior Cycle Life Li-Ion Battery based on SiP₂/CNT Composite Anode Material

Byung Hoon Park, Soo Bean Choi, and Kwang Bum Kim
Yonsei Univ., Korea

We-A1-3

11:15 - 11:30

TiO₂-Coated Li₄Ti₅O₁₂ Composite as Anode Materials for High Performance of Lithium Ion Battery

Jun Hui Jeong, Byung-Hoon Park, Geon-Woo Lee, and Kwang-Bum Kim
Yonsei Univ., Korea

We-A1-4

11:30 - 11:45

FeSi₄P₄: A Superior Anode Material with Exceptionally Reversible Lithium-Ion Storage

Mahboobeh Nazarian-Samani, Safa Haghghat-Shishavan, Masoud Nazarian-Samani, and Kwang-Bum Kim
Yonsei Univ., Korea

We-A1-5

11:45 - 12:15

[Invited]Direct Visualization of Electrochemical Reactions in Batteries by In-Situ Transmission Electron Microscopy

Hyun-Wook Lee
UNIST, Korea

We-A1-6

12:15 - 12:30

Uniformly Decorated Graphene Tube @Graphene Microsphere for High Rate Supercapacitors

Young Hwan Kim and Kwang-Bum Kim
Yonsei Univ., Korea