



IUMRS-ICEM 2018

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

Session Title	Hybrid Materials and Processing Technologies III	Session Code	Tu-I1
Date and Time	2018-08-21 / 10:30 - 12:30		
Place	Room I		
Session Chair	TBA		

Tu-I1-1

10:30 - 11:00

[Invited] Omniphobicity and Corrosion-Resistance of Oil-Impregnated Nanoporous Anodic Oxide Layer of Aluminum

Junghoon Lee¹ and Chang-Hwan Choi²

¹Pukyong Nat'l Univ., Korea, ²Stevens Inst. of Tech., USA

Tu-I1-2

11:00 - 11:15

Using Magnetic Fields to Design and Build Transparent, Conducting and Flexible Graphene-based Composites

Hortense Le Ferrand

Nanyang Technological Univ., Singapore

Tu-I1-3

11:15 - 11:30

Plasma-Assisted Multi-Metallic Oxyhydroxides for Efficient Electrocatalytic Oxygen Evolution Reaction

Byeong Cheul Moon and Jeung Ku Kang

KAIST, Korea

Tu-I1-4

11:30 - 12:00

[Invited] In-Situ Electron Microscopy of Energy Materials

Jong Min Yuk

KAIST, Korea

Tu-I1-5

12:00 - 12:15

3-Dimensional Nanorod & Nano Array Structure using Nano-mold Process

Je Won Kim

Namseoul Univ., Korea

Tu-I1-6

12:15 - 12:30

Pressure-Light Bimodal Sensor based on Long-Term Stable MAPbI₃ Thin Films by CVD

Ji-Ho Eom¹, Hye-Jin Kim², and Soon-Gil Yoon¹

¹Chungnam Nat'l Univ., Korea, ²ETRI, Korea