



IUMRS-ICEM 2018

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

Session Title	Hybrid Materials and Processing Technologies IV	Session Code	Tu-I2
Date and Time	2018-08-21 / 13:30 - 15:30		
Place	Room I		
Session Chair	TBA		

Tu-I2-1

13:30 - 14:00

[Invited] Strategic Architectures of Silicon Nanolayer-Embedded Graphite Hybrid for High Energy Lithium-Ion Battery Anodes

Min Sung Ko
Pukyong Nat'l Univ., Korea

Tu-I2-2

14:00 - 14:15

Preparation of Titanium Dioxide Hollow Fiber using Electrospinning Technique for Gas Sensor

Chaturon Nettonglang¹ and Santi Meansiri^{1,2}
¹Suranaree Univ. of Tech., Thailand, ²SUT-NANOTECH CoE on Advanced Functional, Thailand

Tu-I2-3

14:15 - 14:45

[Invited] Hybrid Materials for Efficient Solar-Thermal Energy Storage and Evaporation-based Applications

Peng Tao, Zhongyong Wang, Qinxian Ye, Zizhao Wang, Yingying Chen, Jinwei Lou, and Tao Deng
Shanghai Jiao Tong Univ., China

Tu-I2-4

14:45 - 15:00

Homogeneously Ordered Pseudocapacitive Polymer Chain Anode and Sub-Nanoscale Metal Oxide Cathode for Aqueous Hybrid Capacitors Enabling High Energy and Power Densities along with Long Cycle Life

Il Woo Ock, Sang Jun Kim, and Jeung Ku Kang
KAIST, Korea