



IUMRS-ICEM 2018

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

Session Title	Nano Structure/Surface Engineering III	Session Code	We-G3
Date and Time	2018-08-22 / 16:00 - 18:00		
Place	Room G		
Session Chair	TBA		

We-G3-1

16:00 - 16:30

[Invited]Roll-based Transfer Technology of CVD-Graphene and its Applications

Jae-Hyun Kim, Yun Hwangbo, Bongkyun Jang, Kyung-Shik Kim, Seung-Mo Lee, Hyun-Sung Park, Hak-Joo Lee, Byung-Ik Choi, Sang-Rok Lee, Sejeong Won, and Kwang-Seop Kim
KIMM, Korea

We-G3-2

16:30 - 17:00

[Invited]Nanocrystal based Metamaterials Perfect Absorber for Vis-NIR Wavelength

Sung-Hoon Hong¹, Mi-Hyun Kim¹, Hye-Won Yun¹, and Soo-Jung Kim²
¹ETRI, Korea, ²Korea Univ., Korea

We-G3-3

17:00 - 17:15

Complex-Shaped Niobium Oxide Nanoparticles for Lithium Ion Battery

Teruaki Fuchigami, Ryosuke Kimata, and Ken-Ichi Kakimoto
Nagoya Inst. of Tech., Japan

We-G3-4

17:15 - 17:30

Improvement of Low Temperature CO Oxidation Activity by Raspberry-Structure of Co₃O₄ Nanocrystals

Ryosuke Kimata, Teruaki Fuchigami, Masaaki Haneda, and Ken-ichi Kakimoto
Nagoya Inst. of Tech., Japan

We-G3-5

17:30 - 17:45

Magnetic Properties of FeCo Nanoparticles by Chemical Reduction Method

Jong-Hwan Park, Ho-Jun Choi, Se-Hee Shin, Jung-Woo Lee, Young-il Na, Sun-Woo Kim, Hyun-Jun Kwon, Dae-Seok Seo, Han-Young Jung, and Su-Jeong Suh
Sungkyunkwan Univ., Korea

We-G3-6

17:45 - 18:00

Chemical and Thermal Modifications for Polyethylene Glycol (PEG) by using Multi Walled Carbon Nanotubes (MWCNTs) as Reinforcement

Sameer Awad and Eman Khalaf
Univ. of Anbar, Iraq