



IUMRS-ICEM 2018

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

Session Title	Hybrid Materials and Processing Technologies II	Session Code	Mo-I2
Date and Time	2018-08-20 / 13:30 - 15:30		
Place	Room I		
Session Chair	TBA		

Mo-I2-1

13:30 - 14:00

[Invited] Unconventional Flexible Bio-Integrated Electronics for Biomedical Implants

Ki Jun Yu
Yonsei Univ., Korea

Mo-I2-2

14:00 - 14:15

Synthesis and Study of Electromagnetic Absorbing Materials of The Composites of ABS/WCNT/(Ni_{1-x}Zn_x)Fe₂O₄

Bing-Jing Li and Yung-Ji Jang
Nat'l Cheng-Kung Univ., Taiwan

Mo-I2-3

14:15 - 14:30

Designing of Subnanometric Cobalt Cluster Embedded Multi Shell Hollow Metal-Organic Frameworks using Selective Collapse Approach

Won Ho Choi, Hee Soo Jung, and Jeung Ku Kang
KAIST, Korea

Mo-I2-4

14:30 - 15:00

[Invited] Aerodynamic and Aeroelastic Flutter-Membrane based Triboelectric Nanogenerators

Hong Suck Won
Pusan Nat'l Univ., Korea

Mo-I2-5

15:00 - 15:15

Bimodal and Wide Range Hydrogen Sensors based on Hole-Doping Nanohybrids of Reduced Graphene Oxide and Chemochromic Pd:MoO₃ Nanoflakes

Le Thai Duy and Hyungtak Seo
Ajou Univ., Korea

Mo-I2-6

15:15 - 15:30

Study on Functional Hybrid Structures based on Transition Metal Dichalcogenides and π -Conjugated Organic Materials

Young Ki Hong and Sunkook Kim
Sungkyunkwan Univ., Korea