

PROGRAM BOOK



ICSM 2018

JULY 1-6, 2018 / BUSAN, KOREA

ICSM 2018

International Conference on Science and
Technology of Synthetic Metals 2018

July 1(Sun.)~6(Fri.), 2018

BEXCO, Busan, Korea

www.icsm2018.com

ORGANIZED BY ICSM 2018 Organizing Committee

COOPERATED BY



SUPPORTED BY



SPONSORED BY



The miracles of science™



MoP-007

Electrochemical Anions Intercalation in Graphite: A Combined Raman and AFM/STM Investigation

Chiara Castiglioni, Luigi Brambilla, Matteo Tommasini, Luca Magagnin, Alessandra Accogli, Eugenio Gibertini, Rossella Yivlialin, Gianlorenzo Bussetti, Andrea Li Bassi, and Lamberto Duò
Politecnico di Milano, Italy

MoP-008

Binary Solvent Effects on Sorted Semiconducting Carbon Nanotubes Using N-type Conjugated Polymers.

Dongseob Ji, Ji-Young Go, Eun Sol Shin, and Yong-Young Noh
Dongguk Univ., Korea

MoP-009

Hybrid Characteristics and Optoelectronic Devices for MoS₂/WSe₂ n-p Heterojunction

Jun Young Kim¹, Yongjun Lee², Jeongyoung Kim², Kwang-Sup Lee³, and Jinsoo Joo¹
¹*Korea Univ., Korea*, ²*Sungkyunkwan Univ., Korea*, ³*Hannam Univ., Korea*

MoP-010

Nanoscale Optical Characteristics of The Hybrids of Two-Dimensional Nanostructures with CsPbBr(x) Perovskite Quantum-Dots and Application Tooptoelectronic Devices

Taeho Noh¹, Jongwon Uoun¹, Sang-Hun Lee¹, Jeongyoung Kim², Xuecheng Teng³, Sinil Choi³, Kwangsup Lee³, and Jinsoo Joo¹
¹*Korea Univ., Korea*, ²*Sungkyunkwan Univ., Korea*, ³*Hannam Univ., Korea*

MoP-011

Tensile Properties and Swelling Ratio of Chitosan/Xanthan Gum/Graphen Oxide Nanocomposite Hydrogel Film

Dong-Won Kim¹, Yuri Shchipunov², Dae-Geon Yoo¹, Gue-Hyun Kim³, and Chang-Sik Ha¹
¹*Pusna Nat'l Univ., Korea*, ²*Russian Academy of Sciences, Russia*, ³*Dongseo Univ., Korea*

MoP-012

Effect of Functionalized Boron Nitride for Epoxy Vomposites with Improved Thermal Conductivity

Ju Hui Kang^{1,2}, Ho Yong Kang^{1,3}, Jong Tae Leem^{1,3}, Woong Cheol Seok^{1,3}, Se Jin Kwon¹, Ho Jun Song¹, and Sangkug Lee¹
¹*KITECH, Korea*, ²*Hanyang Univ., Korea*, ³*Sungkyunkwan Univ., Korea*

MoP-013

Electrical Transport of Two-Dimensional Materials on Ferroelectrics

Nahee Park¹, Haeyong Kang², and Dongseok Suh¹
¹*Sungkyunkwan Univ., Korea*, ²*Pusan Nat'l Univ., Korea*