



IUMRS-ICEM 2018

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

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|----------------------|---|---------------------|--------------|
| Session Title | Optics and Mechanics of 2D Materials | Session Code | We-E3 |
| Date and Time | 2018-08-22 / 16:00 - 18:00 | | |
| Place | Room E | | |
| Session Chair | TBA | | |

We-E3-1

16:00 - 16:30

[Invited]Transport Phenomena Across Porous Graphene

Hyung Gyu Park
Swiss Federal Inst. of Tech. (ETH), Switzerland

We-E3-2

16:30 - 17:00

[Invited]Mechanical Instability-Driven Architecturing of Atomically-Thin Materials

SungWoo Nam
Univ. of Illinois at Urbana-Champaign, USA

We-E3-3

17:00 - 17:30

[Invited]Directly Synthesized Nonlinear Graphene on Ultrafast Optical Devices

Yong-Won Song
KIST, Korea

We-E3-4

17:30 - 17:45

A Quasi-Two-Dimensional Heterojunction of Graphene/ β -Ga₂O₃ for UV Photodetection

Suhyun Kim, Geonyeop Lee, and Jihyun Kim
Korea Univ., Korea

We-E3-5

17:45 - 18:00

Magnetic Dipole Resonance and Coupling Effects Directly Enhance the Raman Signals of as-Grown Graphene on Copper Foil

Yi-Chuan Tseng, Tzu-Yao Lin, Yang-Chun Lee, Che-Kuei Ku, Chun-Wei Chen, and Hsuen-Li Chen
Nat'l Taiwan Univ., Taiwan