2018년 2월 6일(화), 14:10-15:55
Room G (봉래II+III, 6층)

J. Nano-Science & Technology 분과
[TH2-J] Two Dimensional Nano Materials

TH2-J-1 **14:10-14:40**	**[초청]** **Light Induced Directed Self-Assembly of Block Copolymers on Chemically Modified Graphene** Sang Ouk Kim, Hyeong Min Jin, and Ju Young kim *Department of Materials Science & Engineering, KAIST*
TH2-J-2 **14:40-14:55**	**Self-Polarized Organic Light Emitting Diodes based on MoS_2 Nanosheets** Quyet Van Le[1], Gyu Jin Choi[2], Kyoung Soon Choi[3], Ki Chang Kwon[4], Ho Won Jang[4], Jin Seog Gwag[2], and Soo Young Kim[1] *[1]School of Chemical Engineering and Materials Science, Chung-Ang University, [2]Department of Physics, Yeungnam University, [3]Advanced Nano-Surface Research Group, KBSI, [4]Department of Materials Science and Engineering, Research Institute of Advanced Materia*
TH2-J-3 **14:55-15:10**	**Layer-Index and Valley-Index of Electrons in 2D Transition Metal Dichalcogenides for Optoelectronic Applications: 3R MoS_2** Jaehong Park[1,2], Cheol Seong Hwang[2], and Jung-Hae Choi[1] *[1]Center for Electronic Materials, KIST, [2]Department of Materials Science and Engineering, and Inter-university Semiconductor Research Center, Seoul National University*
TH2-J-4 **15:10-15:25**	**Gas Ambient Effects on Electrical Characteristics of Multi-Layered $MoTe_2$ Thin Film Transistors** Min Seok Chae, Da Un Kim, Do Bin Kim, Seung Gi Seo, and Sung Hun Jin *Department of Electronic Engineering, Incheon National University*
TH2-J-5 **15:25-15:40**	**Molecular-Scale Rectifier Employing Hybrid Junction Architecture Consisting of the 2D MoS_2 and the Conjugated Molecule** Jaeho Shin, Seunghoon Yang, Chulho Lee, and Gunuk Wang *KU-KIST Graduate School of Converging Science and Technology, Korea University*
TH2-J-6 **15:40-15:55**	**Accurate First Principles Simulations of a Metal and $MoTe_2$ Device Using the DFT and NEGF** Maeng-Eun Lee, D. Stradi, J. Wellendorf, P. Khomyakov, U. Vej-Hansen,,S. Smidstrup, and K. Stokbro *Synopsys QuantumWise*