

J. Nano-Science & Technology 분과

2020년 2월 14일(금), 15:45-17:30 / Room L (다이아몬드 II, 6층)

■ [FL3-J] 이차원 물질

좌장: 임재훈 교수 (아주대학교), 김수영 교수 (고려대학교)

FL3-J-1 15:45-16:15	<p>[초청]</p> <p>Directed Self-Assembly of Block Copolymers on Chemically Modified Graphene</p> <p>Hyeong Min Jin^{1,2}, Sang Ouk Kim¹</p> <p>¹National Creative Research Initiative Center for Multi-Dimensional Directed Nanoscale Assembly Department of Materials Science & Engineering, KAIST, ²Neutron Science Center, KAERI</p>
FL3-J-2 16:15-16:45	<p>[초청]</p> <p>Interface and Surface Control of MoS₂-based Nanoelectronic Devices: Proton Beam Irradiation and Molecular Treatment</p> <p>Takhee Lee</p> <p>Department of Physics and Astronomy, Seoul National University</p>
FL3-J-3 16:45-17:00	<p>Investigation of Ambipolar Avalanche Breakdown in WSe₂ Field-Effect Transistors</p> <p>Jaeyoung Kim, Jinsu Pak, Kyungjune Cho, Jae-Keun Kim, Jiwon Shin, Woocheol Lee, Keehoon Kang, and Takhee Lee</p> <p>Department of Physics and Astronomy, Seoul National University</p>
FL3-J-4 17:00-17:15	<p>Highly Tunable Molecular Rectifier Realized by Interfacial Design in Molecular Heterojunction with Two-Dimensional Materials</p> <p>Jaeho Shin¹, Seunghoon Yang¹, Yeonsik Jang², Tae-wook Kim³, Takhee Lee², Chul-ho Lee¹, and Gunuk Wang¹</p> <p>¹KU-KIST Graduate School of Converging Science & Technology, Korea University, ²Department of Physics and Astronomy, and Institute of Applied Physics, Seoul National University, ³Functional Composite Materials Research Center, Institute of Advanced Composite Materials, KIST</p>
FL3-J-5 17:15-17:30	<p>Unidirectional Behavior of Photoswitching Diarylethene Molecular Junctions with Multilayer Graphene Electrode</p> <p>Yeonsik Jang, Jeongmin Koo, Wang-Taek Hwang, and Takhee Lee</p> <p>Department of Physics and Astronomy, Seoul National University</p>