

D. Thin Film Process Technology 분과

2020년 2월 14일(금), 09:00-10:30 / Room J (하트 III, 6층)

■ [FJ1-D] 2-dimensional System I

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FJ1-D-1 09:00-09:30	[초청] Versatile Applications of 2-dimensional Materials: A Synthetic Perspective Ji-Hoon Ahn <i>Department of Materials Science and Chemical Engineering, Hanyang University</i>
FJ1-D-2 09:30-09:45	Cation-Regulated Transformation Process for 2-D Tin Monosulfide Thin Film Deposition In-Hwan Baek ^{1,2} , Jung Joon Pyeon ^{1,3} , Ga-Yeon Lee ⁵ , Young Geun Song ¹ , Han sol Lee ⁴ , Sung Ok Won ⁴ , Taek-Mo Chung ⁵ , Jeong Hwan Han ⁶ , Chong-Yun Kang ^{1,3} , Cheol Seong Hwang ² , and Seong Keun Kim ¹ ¹ Center for Electronic Materials, KIST, ² Department of Materials Science and Engineering and Inter-University Semiconductor Research Center, Seoul National University, ³ KU-KIST Graduate School of Converging Science and Technology, Korea University, ⁴ Advanced Analysis Center, KIST, ⁵ Division of Advanced Materials, KRICT, ⁶ Department of Materials Science and Engineering, SEOULTECH
FJ1-D-3 09:45-10:00	Gate-Dependent Rectification Behavior in GeSe Based FET Syed Hassan Abbas Jaffery, Muhammad Hussain, Asif Ali, Sajjad Hussain, and Jong Wan Jung <i>Department of Nanotechnology & Advanced Materials Engineering and Graphene Research Institute, Sejong University</i>
FJ1-D-4 10:00-10:15	Synthesis of $\text{Mo}_{1-x}\text{W}_x\text{S}_2$ by Atomic Layer Deposition for Atomically Thin Gas Sensor Inkyu Sohn, Youngjun Kim, Minjoo Lee, Jusang Park, and Hyungjun Kim <i>School of Electrical and Electronic Engineering, Yonsei University</i>
FJ1-D-5 10:15-10:30	Carrier Type Control of WSe₂ Field Effect Transistor with Interfacial Oxide Layer Dain Kang, Taekwang Kim, Somyeong Shin, Hyewon Du, Minho Song, Seonyeong Kim, Hansung Kim, and Sunae Seo <i>Department of Physics, Sejong University</i>