



2020년 2월 14일(금), 09:00~10:30

Room J (하트 III, 6층)

D. Thin Film Process Technology 분과
[FJ1-D] 2-dimensional System I

<p>FJ1-D-1 09:00~09:30</p>	<p>[초청] Versatile Applications of 2-dimensional Materials: A Synthetic Perspective Ji-Hoon Ahn <i>Department of Materials Science and Chemical Engineering, Hanyang University</i></p>
<p>FJ1-D-2 09:30~09:45</p>	<p>Cation-Regulated Transformation Process for 2-D Tin Monosulfide Thin Film Deposition In-Hwan Baek^{1,2}, Jung Joon Pyeon^{1,3}, Ga-Yeon Lee⁵, Young Geun Song¹, Han sol Lee⁴, Sung Ok Won⁴, Taek-Mo Chung⁵, Jeong Hwan Han⁶, Chong-Yun Kang^{1,3}, Cheol Seong Hwang², and Seong Keun Kim¹ ¹Center for Electronic Materials, KIST, ²Department of Materials Science and Engineering and Inter-University Semiconductor Research Center, Seoul National University, ³KU-KIST Graduate School of Converging Science and Technology, Korea University, ⁴Advanced Analysis Center, KIST, ⁵Division of Advanced Materials, KRICT, ⁶Department of Materials Science and Engineering, SEOULTECH</p>
<p>FJ1-D-3 09:45~10:00</p>	<p>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></p>
<p>FJ1-D-4 10:00~10:15</p>	<p>Synthesis of Mo_{1-x}W_xS₂ 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></p>
<p>FJ1-D-5 10:15~10:30</p>	<p>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></p>