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56C. Nanoscale Fabrication	
Session Date:	March 10(Fri.), 2023
Session Time:	13:15-14:40
Session Room:	Room C (#307 a)
Session Chair:	Prof. Joonki Suh (Ulsan National Institute of Science and Technology)
	Prof. Gwan-Hyoung Lee (Seoul National University)

[56C-1] [Invited] 13:15-13:40

Three-Dimensional Architecture of Atomically Thin Semiconductors

Jong-Hoon Kang

Pohang University of Science and Technology

[56C-2] 13:40-13:55

Role of Carrier Gas and Its Flow Rate to Produce Uniform, Large-Sized MoS₂ Monolayer via CVD

Chandrabhan Patel¹, Mayank Dubey¹, Sumit Chaudhary¹, Vikash Kumar¹ and Shaibal Mukherjee^{1,2}

¹Indian Institute of Technology Indore, ²RMIT University

[56C-3] 13:55-14:10

Control of Orientation of Reactive Sputtering Grown MoS₂ Films

Myeongok Kim¹, Tomah Sogabe^{1,2} and Yoshitaka Okada¹

¹The University of Tokyo, ²The University of Electro-Communications

[56C-4] 14:10-14:25

Helical-Shaped Tungsten Oxide as Active Layer with Dual Switching Behaviors for Emerging Memory Applications

John F. Hardy II¹, John A. Castañeda¹, John Gibbs^{1,2} and Ying-Chen Chen^{1,2}

¹Northern Arizona University, ²Center for Materials Interfaces in Research and Applications

[56C-5] 14:25-14:40

Electric Polarization Switching in Rhombohedral-Stacked Transition Metal Dichalcogenides Homobilayers

Ji-Hwan Baek¹, Seong Chul Hong¹, Yeonjoon Jung¹, Yeon Ho Kim², Kenji Watanabe³, Takashi Taniguchi³, Chul-Ho Lee² and Gwan-Hyoung Lee¹

¹Seoul National University, ²Korea University, ³National Institute for Materials Science