2020년 2월 13일(목), 09:00~10:30

Room F (스페이드 I, 6층)

C. Material Growth & Characterization 분과
[TF1-C] 2D Materials

TF1-C-1 **09:00~09:30**	**[초청]** **Heterointerface Engineering in Epitaxially-grown 2D Oxides and van der Waals Heterostructures** Gwan-Hyoung Lee *Seoul National University*
TF1-C-2 **09:30~09:45**	**Seamless WSe2 Homojunction Diode via Laser-induced Oxidation** 양수정, 김장혁, 김지현 *고려대학교 화공생명공학과*
TF1-C-3 **09:45~10:00**	**Wafer-Scale Formation of van der Waals (W,Mo)Te_2 Electrodes toward Barrier-Free Contact at the Schottky-Mott Limit** Seunguk Song[1], Yeoseon Sim[1], Se-Yang Kim[1], Jung Hwa Kim[1], Inseon Oh[1], Woong Ki Na[2], Do Hee Lee[1], Jaewon Wang[1], Jinsung Kwak[1], Hyeonsik Cheong[2], Jung-Woo Yoo[1], Zonghoon Lee[1], and Soon-Yong Kwon[1] *[1]School of Materials Science and Engineering and Low Dimensional Carbon Materials Center, UNIST, [2]Department of Physics, Sogang University*
TF1-C-4 **10:00~10:15**	**Broadband Heterojunction 2D-TMDs/Si Photodetectors Directly Grown onto Silicon Substrate** Jung-Min Choi[1], Min Hyuk Park[2], Yonghun Kim[1] *[1]Department of Advanced Functional Thin Films, Materials Center for Energy Convergence, KIMS, [2]School of Materials Science and Engineering, Pusan National University*
TF1-C-5 **10:15~10:30**	**헤테로 반데르발스 에피택시 기법과 MOCVD 공법을 이용한 고품질의 단일층 MoS_2 성장** Suhee Jang[1], Su han Kim[2], Sang Il Lee[3], Won Jun Chang[4], Wonyoung Choi[5], Won Il Park *Division of Materials Science and Engineering, Hanyang University*