

| Session Code | [05] WeE2 |
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| Session Title | Growth and Synthesis of 2D Materials 1 |
| Date and Time | Wednesday, October 6, 2021 / 13:20-14:45 |
| Session Room | Room E (303) |
| Session Chair(s) | Soon-Gil Yoon (Chungnam Nat'l Univ., Korea) Jinsung Kwak (Changwon Nat'l Univ., Korea) |

[[05] WeE2-1] Keynote Talk 13:20-13:50

Recent Advances in Two-Dimensional Materials Science Using Atomic-Resolution TEM/STEM

Zonghoon Lee (*UNIST, Korea and Inst. for Basic Sci., Korea*)

[[05] WeE2-2] Invited Talk [Online] 13:50-14:15

Substrate Engineering of Elemental 2D Materials

Tianchao Niu (*Shanghai Jiaotong Univ., China*)

[[05] WeE2-3] 14:15-14:30

One-Dimensional Anisotropic Etching of MoS₂ Derived by Potassium-Mediated Oxidation

Aram Yoon and Zonghoon Lee (*IBS, Korea and UNIST, Korea*)

[[05] WeE2-4] [Online] 14:30-14:45

High-Quality, Layer-Controlled Transition Metal Dichalcogenides (TMDs) Using Physical Vapor Deposition

Yeonjoon Jung, Jaewoong Joo, Hangyel Kim, Huije Ryu, Seong Chul Hong, Ji-Hwan Baek, and Gwan-Hyoung Lee (*Seoul Nat'l Univ., Korea*)