



제25회 한국반도체학술대회

The 25th Korean Conference on Semiconductors

2018년 2월 5일(월)-7일(수), 강원도 하이원리조트 컨벤션 호텔

2018년 2월 7일(수), 10:45-12:15

Room A (태백, 5층)

C. Material Growth & Characterization 분과

[WA2-C] Material Growth and Characterization II

좌장: 송진동 박사(KIST)

WA2-C-1 10:45-11:00	Atomically Thin Semiconducting H-BC₂N Tae Hoon Seo ¹ , Hee Soo Kim ^{1,2} , Eun-Kyung Suh ² , and Myung Jong Kim ¹ <i>¹Applied Quantum Composites Research Center and ³Carbon Composite Materials Research Center, KIST, ²Department of Semiconductor and Chemical Engineering, Semiconductor Physics Research Center, Chonbuk National University</i>
WA2-C-2 11:00-11:15	Improvement of Cell-to-Cell Variation of Selective Poly/Epitaxial Growth through Removing the Interfacial Defects for Application in 3-D NAND Flash Memory Jinsung Park, Seungbeom Baek, Oh Hyun Kim, and Byoungki Lee <i>R&D Division, SK Hynix</i>
WA2-C-3 11:15-11:30	Growth and Characterization of BeO Thin Films Grown by Atomic Layer Deposition Using H₂O and O₃ as Oxygen Sources Woo Chul Lee ^{1,2} , Cheol Jin Cho ^{1,2} , Sangtae Kim ¹ , Eric S. Larsen ^{3,4} , Jung Hwan Yum ^{3,4} , Christopher W. Bielawski ^{3,4} , Cheol Seong Hwang ² , and Seong Keun Kim ¹ <i>¹Center for Electronic Materials, KIST, ²Department of Materials Science and Engineering, and Inter-University Semiconductor Research Center, Seoul National University, ³Center for Multidimensional Carbon Materials (CMCM), Institute for Basic Science, ⁴De</i>
WA2-C-4 11:30-11:45	Solvothermal Synthesis of Semiconducting Carbon Nanotube Doped Flower-like SnS₂ and its Electrical Characterization for Sensor Application Geun Woo Baek ¹ , Tae Young Lee ² , Jin Heon Jeong ² , Rajneesh Kumar Mishra ² , Seung Yeop Kim ² , Jong Ik Baek ² , and Changhee Lee ¹ , Sung Hun Jin ² <i>¹Department of Electrical and Computer Engineering, Seoul National University, ²Department of Electronic Engineering, Incheon National University</i>
WA2-C-5 11:45-12:00	The Characterization of Cyclopentadienyl Tris(dimethylamino) Zirconium for the Atomic Layer Deposition Goru Kang, Seob Shim, Jong-Ki An, Yoentae Kang, Jin-Tae Kim, Ju-Young Yun <i>KRISS, School of Mechanical Engineering, Sungkyunkwan University</i>
WA2-C-6 12:00-12:15	Hydrogen Gas Sensor Using Pd-decorated Al₂O₃/SrTiO₃ Heterostructure Sung Min Kim, Hye Ju Kim, and Sang Woon Lee <i>Department of Energy Systems Research and Department of Physics, Ajou University</i>