

제23회 한국반도체학술대회

2016년 2월 22일(월)-24일(수), 강원도 하이원리조트

C. Material Growth & Characterization 분과

Room C

함백 I (5층)

2016년 2월 24일(수) 08:30-10:00

[WC1-C] Materials Growth & Characterization : Emerging New Electrical Materials

좌장 : 박일규(서울과학기술대학교), 박진섭(한양대학교)

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| WC1-C-1 | 08:30-09:00 | [초청] Merging-angle Dependent Boundary Transport and Type Control Via Thickness and Contact-metal Engineering in 2D Van Der Waals Materials David J Perello, Seunghyun Song, Sang Hoon Chae, and Young Hee Lee <i>IBS Center for Integrated Nanostructure Physics, Sungkyunkwan University</i> |
| WC1-C-2 | 09:00-09:15 | Synthesis and Characterization of Novel CuO/CeO₂ Nanocomposites by Facile Wet Impregnation Method K. Mageshwari and Jinsub Park <i>Department of Electronics and Computer Engineering, Hanyang University</i> |
| WC1-C-3 | 09:15-09:30 | Highly Bending Durable All-Carbon Composite Electrodes Containing Uniform Carbon Nanotube Networks Hyung Duk Yun ¹ , Jinsung Kwak ¹ , Se-Yang Kim ¹ , Han Seo ² , In Cheol Bang ² , Sung Youb Kim ² , Seoktae Kang ³ , and Soon-Yong Kwon ^{1,2} <i>¹School of Materials Science and Engineering, Ulsan National Institute of Science and Technology, ²School of Mechanical and Nuclear Engineering, Ulsan National Institute of Science and Technology, ³Department of Civil and Environmental Engineering, KAIST</i> |
| WC1-C-4 | 09:30-09:45 | Crystallographic Control of Piezoelectric Thin Films and Its First Principle Calculation Approach for Flexible Energy Harvesters Chang Kyu Jeong ¹ , Jae Hyun Han ¹ , Sung Beom Cho ² , and Keon Jae Lee ¹ <i>¹Department of Materials Science and Engineering, KAIST, ²Division of Materials Science and Engineering, Hanyang University</i> |
| WC1-C-5 | 09:45:10:00 | Atomic Layer Deposited High-K Tetragonal ZrO₂ Doped with Ge Using A Azeotropic Mixture of Zr and Ge-precursor Jong-Ki An ^{1,2} , Seob Shim ^{1,3} , Go-Ru Kang ¹ , Nam-Khen Oh ¹ , Minwoo Nam ¹ , Bogeum Lee ¹ , Jin-Tae Kim ^{1,3} , Nak-Kwan Chung ¹ , Sung-Ho Hahm ² , and Ju-Young Yun ^{1,3} <i>¹Center for Vacuum Center, Korea Research Institute of Standards and Science, ²School of Electronics Engineering, College of IT Engineering, Kyungpook National University, ³Department of Nanomaterials Science and Engineering, University of Science and Technology</i> |