

2020년 2월 13일(목), 10:45~12:30

Room L (다이아몬드 II, 6층)

J. Nano-Science & Technology 분과

[TL2-J] 소자 적용 나노 소재

TL2-J-1 10:45~11:15	[초청] Ink Processing for Thermoelectric Materials and Devices Jae Sung Son, Seungki Jo, Fredrick Kim, Seung Hwaee Heo, Seungjun Choo, and Seong Eun Yang <i>School of Materials Science and Engineering, UNIST</i>
TL2-J-2 11:15~11:30	Effect of Post Annealing Process on SiN_x-based RRAM Operation Kyungho Hong, Min-Hwi Kim, Suhyun Bang, Tae-Hyeon Kim, Dong Keun Lee, Kyung Kyu Min, Yeon Joon Choi, Chae Soo Kim, and Byung-Gook Park <i>Department of Electrical and Computer Engineering and Inter-University Semiconductor Research Center, Seoul National University</i>
TL2-J-3 11:30~11:45	High-performance and Stretchable Electrode Using PEDOT:PSS-Ag Nanowires Hybrid Structure for Textile Electronics Taehoon Kim ¹ , Sungjin Kim ¹ , Hyungsoo Yoon ² , Sujin Jeong ² , Yongtaek Hong ² , and Tae-Woo Lee ¹ <i>¹Department of Materials Science and Engineering, Institute of Engineering Research, Research Institute of Advanced Materials, Nano Systems Institute (NSI), BK21 PLUS SNU Materials Division for Educating Creative Global Leaders, Seoul National University, ²Department of Electrical and Computer Engineering, Inter-University Semiconductor Research Center (ISRC), Seoul National University</i>
TL2-J-4 11:45~12:00	Construction of Spatially Separated Fe₂TiO₅-TiO₂ Yolk-Shell Hollow Spheres for Enhanced Photocatalytic Oxygen Evolution Shahid Iqbal, Hyun Kim, and Beelyong Yang <i>School of Advanced Materials and System Engineering, Kumoh National Institute of Technology</i>
TL2-J-5 12:00~12:15	A Multi-bit Pulse Width Based Memristive PUF (PWM-PUF) and Circuit Implementation Seoyeon Choi, Dayoung Kim, Wookyung Sun, and Hyungsoon Shin <i>Department of Electronic and Electrical Engineering, Ewha Womans University</i>
TL2-J-6 12:15~12:30	Molecular Adsorption and Doping of Hf and Zr Dichalcogenides Shimeles Shumi Raya, Abu Saad Ansari, and Bonggeun Shong <i>Chemical Engineering, Hongik University</i>