



J. Nano-Science & Technology 분과

2021년 1월 25일(월), 10:45-12:15 / 채널 B

[MB2-J] Functional Electronic Materials

좌장: 왕건욱 교수 (고려대학교), 조병진 교수 (충북대학교)

<p>MB2-J-1 10:45-11:15</p>	<p>[초청] Ultra-flexible Self-powered Electronic Devices for Bio-medical Applications Sungjun Park <i>Department of Electronic Engineering, Ajou University</i></p>
<p>MB2-J-2 11:15-11:30</p>	<p>Low-Temperature Crystallization of Solution-Processed Vanadium Dioxide Films via Photocombustion on Flexible Substrates with Phase-Transition Reliability Won-June Lee, Yong-Ryun Jo, Bong-Joong Kim, and Myung-Han Yoon <i>GIST</i></p>
<p>MB2-J-3 11:30-11:45</p>	<p>Asymmetric Optical Camouflage: Tunable Reflective Color Accompanied by the Optical Janus Effect Eui-Sang Yu¹, Taehyun Kim¹, Young-Gyu Bae², Jongsu Lee¹, In Soo Kim³, Seok Chung⁴, Seung-Yeol Lee², and Yong-Sang Ryu¹ ¹Sensor System Research Center, KIST, ²School of Electronics and Engineering, Kyungpook National University, ³Nanophotonics Research Center, KIST, ⁴School of Electronics and Engineering, Korea University</p>
<p>MB2-J-4 11:45-12:00</p>	<p>Terahertz Emission from Ultrafast Spin-to-charge Conversion of Topological Insulator Bi₂Se₃ Hanbum Park¹, Kwangsik Jeong¹, InHee Maeng², Chul Kang³, and Mann-Ho Cho¹ ¹Department of Physics, Yonsei University, ²YUHS-KRIBB, Medical Convergence Research Institute, College of Medicine, Yonsei University, ³Advanced Photonics Research Institute, GIST</p>
<p>MB2-J-5 12:00-12:15</p>	<p>Rapid Thermal Annealed Carbon Nanotube Network Transistors for Physical Unclonable Function Applications Yongwoo Lee¹, Ju Won Jeon¹, Jueun Kim¹, Dae Hwan Kim¹, Dong Myong Kim¹, Min-Ho Kang², and Sung-Jin Choi¹ ¹School of Electrical Engineering, Kookmin University, ²Department of Nano-process, NNFC</p>