



K. Memory (Design & Process Technology) 분과

2021년 1월 29일(금), 13:00-14:30 / 채널 D

[FD3-K] Emerging Memory II

좌장: 이선우 교수 (인하공업전문대학교), 정두석 교수 (한양대학교)

<p>FD3-K-1 13:00-13:30</p>	<p>[초청] Neuromorphic Computing for Spiking Neural Network Minsuk Koo <i>Incheon National University</i></p>
<p>FD3-K-2 13:30-13:45</p>	<p>Improved Resistive Switching Reliability in a Hybridized SnS₂-TiO₂ Based Device Seung-Jong Yoo^{1,2}, Kanghyeok Jeon^{1,2}, Jin Joo Ryu¹, Doo Seok Jeong², and Gun Hwan Kim¹ ¹<i>Division of Advanced Materials, KRICT,</i> ²<i>Division of Materials Science and Engineering, Hanyang University</i></p>
<p>FD3-K-3 13:45-14:00</p>	<p>Highly Linear and Symmetric Weight Modification for Spiking Neural Network System Using Memristive Device Jin Joo Ryu, Kanghyeok Jeon, and Gun Hwan Kim <i>Division of Advanced Materials, KRICT</i></p>
<p>FD3-K-4 14:00-14:15</p>	<p>The Effect of Oxygen Content on the Optical Power- and Wavelength-Dependencies of the IGZO Memristor-Based Photodetector Tae Jun Yang, Jun Tae Jang, Woo Sik Choi, Donguk Kim, Jong-Ho Bae, Sung-Jin Choi, Dong Myong Kim, and Dae Hwan Kim <i>School of Electrical Engineering, Kookmin University</i></p>
<p>FD3-K-5 14:15-14:30</p>	<p>Electrothermal Model-Based Analysis for Novel Phase-Change Memory Structure with Decoupled Program and Read Paths Inhyuk Choi and Sangbum Kim <i>Department of Materials Science and Engineering, Seoul National University</i></p>