



제 31회 한국반도체학술대회

The 31st Korean Conference on Semiconductors

2024년 1월 24일(수)-26일(금) | 경주화백컨벤션센터(HICO)

2024년 1월 26일(금), 13:45-15:30

Room C(103), 1층

J. Nano-Science & Technology 분과

[FC2-J] Nano Devices

좌장: 공수현 교수(고려대학교), 금현성 교수(연세대학교)

<p>초청발표</p> <p>FC2-J-1</p> <p>13:45-14:15</p>	<p>In-Depth Analysis of Structural Effects on Polarization Switching of Amorphous InGaZnOx Ferroelectric Thin-Film Transistor</p> <p>Hyojin Yang, Sejun Park, Sanghyuk Yun, Haesung Kim, Ha Neul Lee, and Jong-Ho Bae</p> <p>School of Electrical Engineering, Kookmin University</p>
<p>FC2-J-2</p> <p>14:15-14:30</p>	<p>Degradable Injectable and Tissue-conformable Soft MRI-compatible Brain-interfacing Array</p> <p>Kyuha Park^{1,2}, Mikyung Shin^{1,2}, and Donghee Son^{1,2}</p> <p>¹Center for Neuroscience Imaging Research, IBS, ²Sungkyunkwan University</p>
<p>FC2-J-3</p> <p>14:30-14:45</p>	<p>Utilizing the Dynamic Behavior Characteristics of Self-healing Electrodes as Memory for Skin Electronics</p> <p>Duhwan Seong, Hyunjin Jung, and Donghee Son</p> <p>Department of Electrical and Computer Engineering, Sungkyunkwan University</p>
<p>FC2-J-4</p> <p>14:45-15:00</p>	<p>Magnetic Random-access Memory Based Physical Unclonable Functions</p> <p>Jaimin Kang¹, Donghyeon Han¹, Daekyu Koh¹, San Ko¹, Kyungchul Lee², Chando Park³, Jongsun Park², Kab-Jin Kim¹, Soogil Lee¹, Jisung Lee⁴, and Byong-Guk Park¹</p> <p>¹KAIST, ²Korea University, ³Applied Materials, Inc., ⁴Hyundai Motor Company</p>
<p>FC2-J-5</p> <p>15:00-15:15</p>	<p>Ultrathin Skin-attachable TiO₂ Synaptic Array Integrated with an Organic Proximity Sensor for Real-time Finger Gesture Recognition</p> <p>Haein Cho¹, Inho Lee², Jingon Jang¹, Jae-hyun Kim², Hanbee Lee², Sungjun Park², and Gunuk Wang¹</p> <p>¹Korea University, ²Ajou University</p>