



Future Normal in Semiconductor

2025년 2월 13일(목), 09:00-10:45

Room C(컨벤션홀 L), 5층

D. Thin Film Process Technology 분과

003_[TC1-D] Emerging Devices - I

좌장: 백인환 교수(인하대학교), 이웅규 교수(송실대학교)

<p>초청 TC1-D-1 09:00-09:30</p>	<p>Atomic Layer Deposition of Chalcogenide Materials for Futuristic Memory Devices Chanyoung Yoo Hongik University</p>
<p>TC1-D-2 09:30-09:45</p>	<p>Self-Rectifying RRAM with CMOS compatible materials So Jung Yoo and Gun Hwan Kim Department of System Semiconductor Engineering, Yonsei University</p>
<p>TC1-D-3 09:45-10:00</p>	<p>Self-Rectifying Resistive Memory in 4K Passive Crossbar Arrays Ik Joon Seo and Gun Hwan Kim Department of System Semiconductor Engineering, Yonsei University</p>
<p>TC1-D-4 10:00-10:15</p>	<p>Thermal Perspective on the Impact of Operating Current in Selector-Only Memory Devices: A Study of Joule Heating Effect Ju Hwan Park¹, Hyun Wook Km¹, Se Hwan Jeon¹, Tae Jun Yang¹, Guesuk Lee², Sungsoon Choi², Tae Hee Jung², and Byung Joon Choi¹ ¹Seoul National University of Science and Technology, ²KETI</p>
<p>TC1-D-5 10:15-10:30</p>	<p>Selector-Only Memory with Switchable Threshold Voltage Behavior Hyun Kyu Seo, Jae Jun Lee, Min Kyung Lee, Se Yeon Jeong, and Min Kyu Yang Sahmyook University</p>
<p>TC1-D-6 10:30-10:45</p>	<p>The Effects of Indium Doping on the Structural and Electrical Properties of the Selector-Only-Memory (SOM) Device Won Hee Jeong and Gun Hwan Kim Department of System Semiconductor Engineering, Yonsei University</p>