



# 제 31회 한국반도체학술대회

The 31st Korean Conference on Semiconductors

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

2024년 1월 25일(목), 10:55-12:40

Room F(106), 1층

## C. Material Growth & Characterization 분과

### [TF2-C] Functional Oxides

좌장: 유효빈 교수(서강대학교), 이재웅 교수(아주대학교)

<p>초청발표</p> <p>TF2-C-1</p> <p>10:55-11:25</p>	<p>Functional Perovskite Oxides with Atomic Gradients</p> <p>Daesu Lee</p> <p>Department of Physics, POSTECH</p>
<p>TF2-C-2</p> <p>11:25-11:40</p>	<p>Heat Management Using Mesoporous MgO for BEOL Interlayer Dielectric</p> <p>Anh-Duy Nguyen and Rino Choi</p> <p>3D Convergence Center and Department of Materials Science and Engineering, Inha University</p>
<p>TF2-C-3</p> <p>11:40-11:55</p>	<p>Fabrication of Hetero-epitaxy SrCoO<sub>2.5</sub>/SrRuO<sub>3</sub> Freestanding Thin Films for RRAM Application</p> <p>Eun Seok Choi and Sanghan Lee</p> <p>School of Materials Science and Engineering, GIST</p>
<p>초청발표</p> <p>TF2-C-4</p> <p>11:55-12:25</p>	<p>Surface Triggered Stabilization of Metastable Charge-ordered Phase in SrTiO<sub>3</sub></p> <p>Kitae Eom</p> <p>Department of Electronic Engineering, Gachon University</p>
<p>TF2-C-5</p> <p>12:25-12:40</p>	<p>Dielectric-constant/Capacitive Weighted Memory Materials</p> <p>Yoon Seok Oh<sup>1</sup>, Jun Han Lee<sup>1</sup>, Nguyen Xuan Duong<sup>2</sup>, Min-Hyoung Jung<sup>3</sup>, Hyun-Jae Lee<sup>1</sup>, Ahyoung Kim<sup>4</sup>, Youngki Yeo<sup>5</sup>, Junhyung Kim<sup>1</sup>, Gye-Hyeon Kim<sup>1</sup>, Byeong-Gwan Cho<sup>6</sup>, Jaegy Kim<sup>5</sup>, Furqan Ul Hassan Naqvi<sup>7</sup>, Jong-Seong Bae<sup>9</sup>, Jeehoon Kim<sup>10</sup>, Chang Won Ahn<sup>2</sup>, Young-Min Kim<sup>3</sup>, Tae Kwon Song<sup>11</sup>, Jae-Hyeon Ko<sup>7</sup>, Tae-Yeong Koo<sup>6</sup>, Changhee Sohn<sup>1</sup>, Kibog Park<sup>1</sup>, Chan-Ho Yang<sup>5</sup>, Sang Mo Yang<sup>4</sup>, Jun Hee Lee<sup>1</sup>, Hu Young Jeong<sup>1</sup>, and Tae Heon Kim<sup>2</sup></p> <p><sup>1</sup>UNIST, <sup>2</sup>University of Ulsan, <sup>3</sup>Sungkyunkwan University, <sup>4</sup>Sogang University, <sup>5</sup>KAIST, <sup>6</sup>Pohang Accelerator Laboratory, <sup>7</sup>Hallym University, <sup>9</sup>KBSI, <sup>10</sup>POSTECH, <sup>11</sup>Changwon National University</p>