



제 29회 한국반도체학술대회

The 29th Korean Conference on Semiconductors

2022년 1월 24일(월)~ 26일(수) | 강원도 하이원 그랜드호텔(컨벤션타워)

2022년 1월 25일(화), 09:00-10:30

Room L (다이아몬드 II, 6층)

C. Material Growth & Characterization 분과

[TL1-C] 산화물 I

좌장: 김태헌 교수(울산대학교)

<p>TL1-C-1 09:00-09:30</p>	<p>Metal-organic Pulsed Laser Deposition for Highly Stoichiometric Complex Oxide Thin Films Jung-Woo Lee¹ and Chang-Beom Eom² <i>¹KIURI institute, Yonsei University, ²University of Wisconsin-Madison</i></p>
<p>TL1-C-2 09:30-09:45</p>	<p>Diffusion of Vanadium and Yttrium is Responsible for the Degradation of Vanadium Oxide Films Deposited on Y-Stabilized ZrO₂ above 500°C Songhee Choi¹, J. Oh², J.-H. Lee², J. H. Jang², and Shinbuhm Lee¹ <i>¹DGIST, ²Korea Basic Science Institute</i></p>
<p>TL1-C-3 09:45-10:00</p>	<p>Unified Design Principle of Correlated Transparent Conductors Youngkyoung Ha¹, J. Byun², J. Lee², and Shinbuhm Lee¹ <i>¹DGIST, ²Pusan National University</i></p>
<p>TL1-C-4 10:00-10:15</p>	<p>Switching Voltage Scaling in Ferroelectric Devices via Oxygen Scavenging Bong Ho Kim¹, Songhyeon Kuk¹, Seong Kwang Kim¹, Joon Pyo Kim¹, Dae-Myeong Geum¹, Seung-Hyub Baek², and Sanghyeon Kim¹ <i>¹School of Electrical Engineering, KAIST, ²Center for Electronic Materials, KIST</i></p>
<p>TL1-C-5 10:15-10:30</p>	<p>Synthesis of High Curie Temperature Ferromagnetic Semiconductor in Strain-induced Sr₂FeReO₆ Hansol Lee and Changhee Sohn <i>Department of Energy Engineering, UNIST</i></p>