



제 29회 한국반도체학술대회

The 29th Korean Conference on Semiconductors

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

2022년 1월 25일(화), 16:00-17:45

Room G (스페이드 II+III, 6층)

J. Nano-Science & Technology 분과

[TG3-J] Functional Electronic Materials I

좌장: 강승균 교수(서울대학교)

<p>TG3-J-1 16:00-16:15</p>	<p>Tailoring the Interfacial Band Offset by the Molecular Dipole Orientation for a Molecular Heterojunction Selector Jung Sun Eo, Jaeho Shin, Sanghyun Choi, Takgyeong Jeon, Seunghoon Yang, Jaeho Lee, Chul-Ho Lee, and Gunuk Wang <i>KU-KIST Graduate School of Converging Science and Technology, Korea University</i></p>
<p>TG3-J-2 16:15-16:45</p>	<p>Overcoming Doping Challenges in Organic Electronics Keehoon Kang <i>Department of Materials Science and Engineering, Yonsei University</i></p>
<p>TG3-J-3 16:45-17:00</p>	<p>Doped Semiconductor Nanocrystal Plasmonics Shin Hum Cho <i>Department of Chemical Engineering, Keimyung University</i></p>
<p>TG3-J-4 17:00-17:15</p>	<p>CMOS-compatible 3D Ferroelectric NAND Flash Memory for Advanced Memory Applications Ik-Jyae Kim, Min-Kyu Kim, Dongshin Kim, and Jang-Sik Lee <i>Department of Materials Science and Engineering, POSTECH</i></p>
<p>TG3-J-5 17:15-17:30</p>	<p>All Solid State Transparent Supercapacitor to Overcome Transparency-Capacity Dilemma Jongseon Seo, Geonhui Han, and Daeseok Lee <i>Department of Electronic Materials Engineering, Kwangwoon University</i></p>
<p>TG3-J-6 17:30-17:45</p>	<p>Rectification Control in Vertical Structure Molecular Junctions with Ferrocene-Terminated Alkyl Molecule Wang-Taek Hwang¹, Minwoo Song¹, Jongwoo Nam¹, Changjun Lee¹, Keehoon Kang², and Takhee Lee¹ <i>¹Department of Physics and Astronomy, Seoul National University, ²Department of Material Science & Engineering, Yonsei University</i></p>