



★ Special Session

2019년 2월 15일(금), 11:00-12:30

Room L (죽실, 5층)

[FL2-SS] Special Session: 고전력 반도체 & 헬스케어

좌장: 안재혁 교수(광운대학교), 차호영 교수(홍익대학교)

<p>FL2-SS-1 11:00-11:15</p>	<p>넓은 트렌치 구조를 이용한 650V 4H-SiC JBS의 ESD 보호 특성 향상 방안 Enhancement of ESD Protection Using Wide Trench in 650V SiC JBS Sinsu Kyoung, Eun-Ha Kim, Tae-Jin Nam, and Young-Sung Hong <i>Research and Development, Powercubesemi Inc.</i></p>
<p>FL2-SS-2 11:15-11:30</p>	<p>Ga₂O₃ Schottky-Barrier Diode에서 Ron에 따른 내전압 특성 변화 이재민¹, 곽준섭¹, 장태훈², 심규환³ ¹순천대학교 인쇄전자공학과, ²시지트로닉스, ³전북대학교 반도체과학기술학과</p>
<p>FL2-SS-3 11:30-11:45</p>	<p>전기자동차용 고방열 Cu계 접합 소재 및 전력 모듈 개발 배현철^{1,2}, 김인후^{1,2}, 오애선¹, 서은석³, 백범규³ ¹한국전자통신연구원 소재부품원천연구본부 ICT소재연구그룹, ²과학기술연합대학원대학교 ETRIS쿨 차세대소자공학과, ³(주)경동원 세라텍사업부 연구팀</p>
<p>FL2-SS-4 11:45-12:00</p>	<p>Design and Fabrication of 1.2kV 10A 4H-SiC Schottky Barrier Diodes with High Current Density In Ho Kang, Ogyun Seok, Jeong Hyun Moon, Moon Kyong Na, H. W. Kim, Sang Cheol Kim, Wook Bahng, and Nam Kyun Kim <i>Power Semiconductor Research Center, KERI</i></p>
<p>FL2-SS-5 12:00-12:15</p>	<p>3D Printed, Customizable Multi-Functional Wearable Glasses for Healthcare Applications Joong Hoon Lee¹, Han-Seop Kim¹, Ji-Young Hwang³, Sang-Hoon Lee^{1,2}, and Suk-Won Hwang¹ ¹KU-KIST Graduate School of Converging Science and Technology, Korea University, ²Korea Institute of Carbon Convergence Technology, ³Department of Biomedical Engineering, College of Health Science, Korea University</p>
<p>FL2-SS-6 12:15-12:30</p>	<p>Realistic Observing of Cellular Cross-Over Frequency Using Dielectrophoretic System Dependent on Waveform of Input AC Signals Sang Hyun Lee, Chae Won Kim, Kang In Yeo, Seungyeop Choi, Jong Won Lim, Eun Jin Lee, In Su Park, and Sang Woo Lee <i>Department of Biomedical Engineering, Yonsei University</i></p>