



제25회 한국반도체학술대회

The 25th Korean Conference on Semiconductors

2018년 2월 5일(월)-7일(수), 강원도 하이원리조트 컨벤션 호텔

2018년 2월 6일(화), 09:00-10:45

Room A (태백, 5층)

A. Interconnect & Package 분과

[TA1-A] Emerging Interconnect

좌장: 이원준 교수(세종대학교), 이후정 교수(성균관대학교)

<p>TA1-A-1 09:00-09:15</p>	<p>FOWLP 적용을 위한 플라즈마 전처리에 따른 절연층과 Cu RDL 계면 접착력 측정 및 분석 김가희¹, 이진아¹, 박세훈², 강수민³, 김택수³, 박영배¹ ¹안동대학교 신소재공학부, ²전자부품연구원 ICT 디바이스 패키징 센터, ³한국과학기술원 기계공학과</p>
<p>TA1-A-2 09:15-09:30</p>	<p>Effects of Cu Opening Size on Mechanical Property of Epoxy-Contained Sn-58Bi Solder Joints Kyung Deuk Min¹, Woo-Ram Myung², Kyung-Yeol Kim¹, and Seung-Boo Jung¹ ¹School of Advanced Materials Science & Engineering, Sungkyunkwan University, ²SAINT, Sungkyunkwan University</p>
<p>TA1-A-3 09:30-09:45</p>	<p>Optical Interconnects between Boards Using Paraboloid Reflector Hyun-Woo Rhee and Hyo-Hoon Park KAIST</p>
<p>TA1-A-4 09:45-10:00</p>	<p>Improvement of Nickel Silicide Thermal Stability Using Nitrogen Incorporation Hyung Min Ji, Manh-Cuong Nguyen, An Hoang-Thuy Nguyen, Jung Yeon Kim, Su Jin Choi, Jong Gyu Cheon, Kyoung Moon Yu, Jin Hyun Kim, Sang Woo Kim, Seong Young Cho, and Rino Choi Department of Materials Science and Engineering, Inha University</p>
<p>TA1-A-5 10:00-10:15</p>	<p>Thermal Managing of Electronic Devices Using Porous Copper-Graphene Composites Hokyun Rho^{1,2}, Dabin Son, Seongmin Lee, Aram Lee, Jun-Seok Ha², Sang Hyun Lee¹ ¹Applied Quantum Composites Research Center, KIST, ²Department of Advanced Chemicals & Engineering, Chonnam National University</p>
<p>TA1-A-6 10:15-10:30</p>	<p>Atomic Layer Deposition of Dense and Uniform ZrO₂ Thin Film on Functionalized Graphene Jeong Woo Shin¹, Myung Hoon Kang², Seongkook Oh¹, Byung Chan Yang¹, Tae Hoon Lee², and Jihwan An¹ ¹Department of Manufacturing Systems and Design Engineering, Seoul National University of Science and Technology, ²Department of Electrical Engineering, Kwangwoon University</p>
<p>TA1-A-7 10:30-10:45</p>	<p>Substrate Ball Land Layer Etch Back 적용 제품의 HAST Reliability Robust 설계 연구 유재웅, 정소현, 손재현, 문기일 Department of PKG Technology, SK Hynix</p>