

# 제22회 한국반도체학술대회

2015년 2월 10일(화) - 12일(목), 인천 송도컨벤시아

## A. Interconnect & Package 분과

Room A  
1F / 104호

2015년 2월 12일(목) 09:00-10:30

### [TA1-A] Emerging Interconnect Technology

좌장: 여종석 (연세대학교), 오정우 (연세대학교)

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| TA1-A-1 | 09:00-09:30 | <b>[초청] Atomic Switch using Electro-Migration for a Programmable Logic Circuit</b><br>Deok-kee Kim <sup>1</sup> , Jongwan Jung <sup>2</sup> , Sunae Seo <sup>3</sup> , Young Joon Hong <sup>2</sup> , and Won-Jun Lee <sup>2</sup><br><sup>1</sup> Department of Electrical Engineering, Sejong University, <sup>2</sup> Department of Nanotechnology and Advanced Materials Engineering, Sejong University, <sup>3</sup> Department of Physics, Sejong University |
| TA1-A-2 | 09:30-09:45 | <b>Nanoplasmonics for On-Chip Photonic Interconnection: Photodetection of Broadband Incoherent Light</b><br>Jeong-Hyeon Kim <sup>1,2</sup> and Jong-Souk Yeo <sup>1,2</sup><br><sup>1</sup> School of Integrated Technology, Yonsei University, <sup>2</sup> Yonsei Institute of Convergence Technology, Yonsei University   |
| TA1-A-3 | 09:45-10:00 | <b>Strain-Dependent Optical Properties of Ge Thin Films on Si Substrates Formed by Thermal Annealing</b><br>Chulwon Lee <sup>1</sup> , Yang-Seok Yoo <sup>1</sup> , Min-Ho Jang <sup>1</sup> , Isnaeni <sup>1</sup> , Bugeun Ki <sup>2</sup> , Jungwoo Oh <sup>2</sup> , and Yong-Hoon Cho <sup>1</sup><br><sup>1</sup> Department of Physics, KI for NanoCentury, KAIST, <sup>2</sup> School of Integrated Technology, Yonsei University                          |
| TA1-A-4 | 10:00-10:15 | <b>Raman Depth Profiles for Non-Linearly Strained Ge-on-Si Lasers</b><br>Bugeun Ki <sup>1,2</sup> , Chulwon Lee <sup>3</sup> , Yong-Hoon Cho <sup>3</sup> , and Jungwoo Oh <sup>1,2</sup><br><sup>1</sup> School of Integrated Technology, Yonsei University, <sup>2</sup> Yonsei Institute of Convergence Technology, <sup>3</sup> Department of Physics, KI for the NanoCentury, KAIST   |
| TA1-A-6 | 10:15-10:30 | <b>벤젠을 이용한 그래핀의 저온 합성 및 배선 특성</b><br>손명우 <sup>1</sup> , 장지수 <sup>2</sup> , 함문호 <sup>1,2</sup><br><sup>1</sup> 광주과학기술원 나노바이오재료전자공학과, <sup>2</sup> 광주과학기술원 신소재공학부  |