

제20회 한국반도체학술대회

2013년 2월 4일(월)~6일(수) / 웰리힐리파크 (구, 성우리조트)

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C. Materials Growth & Characterization 분과

Room D

스카이홀 (본관, 2층)

2013년 2월 6일(수) 15:10-16:25

[WD3-C] Graphene and Characterization

좌장: 권순용(울산과학기술대학교), 송진동(KIST)

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| WD3-C-1 | 15:10-15:25 | CVD를 이용한 그래핀의 전자기 차폐효과
홍슬기, 김기영, 김택용, 김정호, 조병진
KAIST 전기 및 전자공학과 |
| WD3-C-2 | 15:25-15:40 | Properties of Graphene Fabricated using Pulsed Laser Graphitization of Si-face 4H-SiC Substrate
조천흠 ¹ , 임성관 ¹ , 황현준 ² , 강창구 ² , 이영곤 ² , 신희성 ¹ , 최호준 ² , 황현상 ³ , 이병훈 ^{1,2}
¹ 광주과학기술원 나노바이오재료 전자공학과,
² 광주과학기술원 신소재공학부, ³ 포항공과대학교 신소재공학과 |
| WD3-C-3 | 15:40-15:55 | Low-Temperature Synthesis of Graphene Films on Nonconducting Surfaces
Jinsung Kwak ¹ , Jae Hwan Chu ¹ , Jae-Kyung Choi ¹ , Soon-Dong Park ¹ , Heungseok Go ² , Sung Youb Kim ¹ , Kibog Park ² , Sung-Dae Kim ³ , Young-Woon Kim ³ , Euijoon Yoon ³ , Suneel Kodambaka ⁴ , and Soon-Yong Kwon ^{1,2}
¹ School of Mechanical and Advanced Materials Engineering, Ulsan National Institute of Science and Technology, ² School of Electrical and Computer Engineering, Ulsan National Institute of Science and Technology, ³ Department of Materials Science and Engineering, Seoul National University, ⁴ Department of Materials Science and Engineering, University of California Los Angeles |
| WD3-C-4 | 15:55-16:10 | One-Step Gallium Nitride on Sapphire Through Graphene Coating
Jae-Kyung Choi ¹ , Jae-Hoon Huh ¹ , Sung-Dae Kim ² , Daeyoung Moon ² , Duhee Yoon ³ , Ki Su Joo ² , Jinsung Kwak ¹ , Jae Hwan Chu ¹ , Sung Youb Kim ^{1,4} , Kibog Park ^{4,5} , Young-Woon Kim ² , Euijoon Yoon ² , Hyeonsik Cheong ³ , and Soon-Yong Kwon ^{1,4,5}
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