

제23회 한국반도체학술대회

2016년 2월 22일(월)-24일(수), 강원도 하이원리조트

H. Display and Imaging Technologies 분과

Room C
함백 I (5층)

2016년 2월 23일(화) 15:10-17:10

[TC3-H] Display and Imaging Technologies

좌장 : 배병성(호서대학교), 전상훈(고려대학교)

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| TC3-H-1 | 15:10-15:25 | Color-switchable Optical Coating by Adopting Multi-layers of Ultrathin Phase Change Material Films
Sijung Yoo, Taeyong Eom, Taehong Gwon, and Cheol Seong Hwang
<i>Department of Materials Science and Engineering and Inter-university Semiconductor Research Center, Seoul National University</i> |
| TC3-H-2 | 15:25-15:40 | Analysis on the Degradation Mechanism under Positive/Negative Gate Bias Stress in Zinc Oxynitride Thin-Film Transistors
Hara Kang, Jun Tae Jang, Sungju Choi, Sung-Jin Choi, Dong Myong Kim, and Dae Hwan Kim
<i>School of Electrical Engineering, Kookmin University</i> |
| TC3-H-3 | 15:40-15:55 | Diffuse Transmission in Electrochromic Device
Seong M. Cho, Juhee Song, Tae-Youb Kim, Sang Hoon Cheon, Chil Seong Ah, Joo Yeon Kim, Hojun Ryu, Yong Hae Kim, and Chi-Sun Hwang
<i>Smart I/O Platform Research Department, Information & Communications Core Technology Research Laboratory, Electronics and Telecommunications Research Institute</i> |
| TC3-H-4 | 15:55-16:10 | Polarity Inversion in Organic Field-effect Transistors by Interface Engineering
Hyeok Kim ¹ , Jeongkyun Roh ² , and Changhee Lee ²
<i>¹Construction Equipment Technology Center, Korea Institute of Industrial Technology, ²Department of Electrical and Computer Engineering, Inter-University Semiconductor Research Center, Seoul National University</i> |
| TC3-H-5 | 16:10-16:25 | A 8-bit SAR ADC based on a Current-steering DAC for Feedback Compensation of Double-gate TFT Gate Drivers
Haram Ju and Deog-Kyoon Jeong
<i>Department of Electrical Engineering and Computer Science, Seoul National University</i> |
| TC3-H-6 | 16:25-16:40 | Dynamic Range Compensation for Pedestrian Detection from Shaded Images
Chan Young Jang and Young Hwan Kim
<i>Department of Electrical Engineering, Pohang University of Science and Technology</i> |

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- TC3-H-7 16:40-16:55 The High Power LED Lighting with a FCOPMP(Flip-Chip on Patterned Metal Plate) LED Module**
Choong-Mo Nam, Jae-Joon Lee, Jin-Ho Kim, Hye-Jin Jeon, Ji-Yong Park, Soo-Kun Jeon, and Byung-Tak Jang
Department of Electronics Engineering, Korea Polytechnic University
- TC3-H-8 16:55-17:10 Spin On Glass SiO₂의 게이트 절연막 특성**
홍민택¹, 김진국¹, 윤의중², 배병성¹
¹호서대학교 전자소자연구실, ² 호서대학교 정보통신공학과