



제 29회 한국반도체학술대회

The 29th Korean Conference on Semiconductors

2022년 1월 24일(월)~ 26일(수) | 강원도 하이원 그랜드호텔(컨벤션타워)

2022년 1월 26일(수), 15:45-17:30

Room J (하트 III, 6층)

H. Display and Imaging Technologies 분과

[WJ4-H] Display Technology III

좌장: 전우진 교수(경희대학교)

<p>WJ4-H-1 15:45-16:00</p>	<p>Oxygen 함량이 서로 다른 Triple-Channel 구조를 갖는 Oxide Thin-Film Transistor 소자의 전기적 특성 분석 Kang-Min Lee^{1,2}, Byeong-Kwon Ju², and Sung-Hwan Choi¹ <i>¹KITECH, ²School of Electrical and Electronic Engineering, Korea University</i></p>
<p>WJ4-H-2 16:00-16:15</p>	<p>A Real-Time TFT Degradation Compensation with Noise-Immune Current Sensing AFE and Error Correction Algorithm for High-Resolution Mobile Displays Kyeonghan Shin, Kyeongmin Park, Seunghun Oh, Haewan Cho, and Franklin Bien <i>UNIST</i></p>
<p>WJ4-H-3 16:15-16:30</p>	<p>면적 연신과 전압 강하에 대한 휘도 감소를 보상할 수 있는 스트레처블 AMOLED 보상 화소 회로 Hyuck Su Lee, Lee Jong Mo, Jae Geun Woo, Seo Jin Kang, Eun Seong Yu, Chan Min Jeong, Min Seong Kim, Seoung Gyun Kim, and Byung Seong Bae <i>School of Electronics and Display Engineering, Hoseo University</i></p>
<p>WJ4-H-4 16:30-16:45</p>	<p>A New Scan Driver Circuit for Pulse Width Modulation Driving in μLED Display Eun Kyo Jung, Yong-Hoo Hong, Sung-Hyuck Ahn, Sara Hong, Eunho Kim, Ye-Rim Jeong, Hwarim Im, and Yong-Sang Kim <i>Department of Electrical and Computer Engineering, Sungkyunkwan University</i></p>
<p>WJ4-H-5 16:45-17:00</p>	<p>OLED 디스플레이의 내부보상 화소회로 과도응답 모델링 기법 최정훈, 문예향, 김재엽, 유이경, 박기찬, 전종욱 <i>건국대학교 전기전자공학부</i></p>
<p>WJ4-H-6 17:00-17:15</p>	<p>A Study on the Reliability of Gate Driver Suitable for Stretchable Displays Seo Jin Kang, Hyuck Su Lee, Jae Geun Woo, Eun Seong Yu, Min Seong Kim, Chan Min Jeong, Jong Mo Lee, Seoung Gyun Kim, and Byung Seong Bae <i>School of Electronics and Display Engineering, Hoseo University</i></p>
<p>WJ4-H-7 17:15-17:30</p>	<p>An Emission Driver Circuit with Enhanced Pull-Down Unit for Micro-LED Displays Ye-Rim Jeong, Eun Kyo Jung, Yong-Hoo Hong, Sung-Hyuck Ahn, Sara Hong, Eunho Kim, Hwarim Im, and Yong-Sang Kim <i>Department of Electrical and Computer Engineering, Sungkyunkwan University</i></p>