



H. Display and Imaging Technologies 분과

2021년 1월 29일(금), 10:45-12:15 / 채널 D

[FD2-H] Emerging Display 소재, 공정, 소자기술

좌장: 강성준 교수 (경희대학교), 오누리 교수 (한양대학교)

<p>FD2-H-1 10:45-11:00</p>	<p>Simulation-Based Low Power Driving Technology Using Variable Potential for Large Panel Display Seokha Hong, Dongjoon Kwag, Yongseok Choi, Joonchul Goh, and Bonghyun Yu <i>Display Electronics Research Team, Samsung Display Co., Ltd.</i></p>
<p>FD2-H-2 11:00-11:15</p>	<p>Asymmetric Gate Field Effect to Overcome High Exciton Binding Energy of 2D TMDCs Materials Hyun-Soo Ra^{1,2}, Jongtae Ahn^{1,2}, and Do Kyung Hwang^{1,2} ¹<i>Center of Opto-Electronic Materials and Devices, KIST,</i> ²<i>Post-Silicon Semiconductor Institute, KIST</i></p>
<p>FD2-H-3 11:15-11:30</p>	<p>자기조립 단분자막 도입을 통한 PbS – IGZO 광 센서 반응 속도의 개선 Gilsu Jeon, Taewon Seo, Hyungmin Ko, and Yoonyoung Chung <i>Department of Electrical Engineering, POSTECH</i></p>
<p>FD2-H-4 11:30-11:45</p>	<p>Ferroelectric TFT Synaptic Device and Array for Spiking Neural Networks Sang Min Yu, Taeho Lee, Kihwan Kim, and Saeroonter Oh <i>Department of Electrical and Electronic Engineering, Hanyang University</i></p>
<p>FD2-H-5 11:45-12:00</p>	<p>Detachment of Polymeric Substrate Using CO₂ Point Laser for Large-area Flexible Display: An Alternative Approach for Laser Lift-Off Hyuk Park, Suwon Seong, Seongmin Park, Taewon Seo, and Yoonyoung Chung <i>Electrical Engineering, POSTECH</i></p>
<p>FD2-H-6 12:00-12:15</p>	<p>High-Performance 2D MoTe₂/MoS₂ Semi-Vertical Heterojunction Photodiodes for Visible-Invisible Multiband Detection and Imaging Jongtae Ahn, Hyun-soo Ra, and Do Kyung Hwang <i>Center of Opto-Electronic Materials and Devices, Post-Silicon Semiconductor Institute, KIST</i></p>