



## **Future Normal in Semiconductor**

2025년 2월 14일(금), 10:55-12:40

Room N(다이아몬드 II), 6층

H. Display and Imaging Technologies 분과

### **066\_[FN2-H] Display and Imaging Technologies IV**

좌장: 김운 교수(서울시립대학교), 이지원 교수(포항공대)

<p>초청 FN2-H-1 10:55-11:25</p>	<p><b>Colloidal Quantum Dot Light-Emitting Diodes for High-Resolution Full-Color Displays</b> Jeonghun Kwak, Geun Woo Baek, and Hansol Seo Seoul National University</p>
<p>FN2-H-2 11:25-11:40</p>	<p><b>A Study on The Structure Optimization for Digital Pixels Including Pixel-parallel ADC and In-pixel Memory</b> You-Na Lee, B. Kim, H. Sugihara, Y. Shim, J. Jeong, S. Lee, Y. Choi, G.H. Cho, M. Ito, M.-W. Seo, H. Shim, J.-K. Lee, and C.-R. Moon Semiconductor R&amp;D Center, Samsung Electronics Co., Ltd.</p>
<p>FN2-H-3 11:40-11:55</p>	<p><b>Pulse Frequency Modulation Pixels With Gamma Correction For Ultra-wide Dynamic Range Image Sensors</b> Hyuna Lim, Soo Youn Kim Department of System Semiconductor, Dongguk University</p>
<p>FN2-H-4 11:55-12:10</p>	<p><b>Study on Photon Detection Probability Characteristic According to SPAD Pitch</b> Chulwoo Hwang, Juhwan Jung, Sanghwan Kim, Hyun Yu, Harin Kang, Dohee Kim, and Manlyun Ha DB Hitek</p>
<p>FN2-H-5 12:10-12:25</p>	<p><b>Improvement through Segmentation of Dark Current in Global Shutter CMOS Image Sensor</b> Suji Hwang, Yoonjay Han, Hoonil Yang, Sanghoon Song, Jonghyeon Noh, Tae-Min Kim, Tae-Yon Lee, Hongki Kim, Jae-Kyu Lee, and Chang-Rok Moon Semiconductor R&amp;D Center, Samsung Electronics Co., Ltd.</p>
<p>FN2-H-6 12:25-12:40</p>	<p><b>Physical-Isolation through Backside Trench for Pixel Shrink of 3-Layer Stacked Digital Pixel Sensor</b> Ga-Young Kim, Surim Lee, Kyungtae Lim, Sang-Su Park, Jong-hyun Yoo, KuanSik Kim, Wonoh Ryu, Juyeong Oh, Seung-Sik Kim, Jae-Kyu Lee, and Chang-Rok Moon Semiconductor R&amp;D Center, Samsung Electronics Co., Ltd.</p>