2024년 1월 25일(목), 09:00-10:45
Room B(102),1층

H. Display and Imaging Technologies 분과

[TB1-H] Display and Imaging Technologies I

좌장: 정윤영 교수(POSTECH), 진성훈 교수(인천대학교)

초청발표 TB1-H-1 09:00-09:30	Hybrid-Multiscale Materials Enabled Light-to-Frequency-Conversion Circuits Toward IoT Security Application Sung Hun Jin, Seung Gi Seo, Mokurala Krishnaiah, and Dhananjay Mishra I-Nanofab Center, Department of Electronic Engineering, Incheon National University
TB1-H-2 09:30-09:45	Effects of ZnMgO Surface UV Treatment on the Performance of InP-Based Inverted Quantum Dot Light-Emitting Diodes Hyeong Jin Kim[1,2] and Jeonghun Kwak[1,2] [1]Department of Electrical and Computer Engineering, Seoul National University, [2]ISRC, Seoul National University
TB1-H-3 09:45-10:00	Strategy for High Quantum-efficient AlGaInP/GaInP Micro-red LEDs and The Demonstration of 1700 PPI Ultra-high-resolution Mono-color Display through Monolithic 3D Integration Technology Juhyuk Park[1], Dae-Myeong Geum[2], Dong-Soon Jung[3], Woojin Baek[1], Hyunsu Kim[1], and Sanghyeon Kim[1] [1]Electrical Engineering, KAIST, [2]School of Electronics Engineering, Chungbuk National University, [3]RAONTECH Inc.
TB1-H-4 10:00-10:15	Solution-Processed NIR Sensing Ambipolar Organic Phototransistor HwaPyeong Noh, Yongju Lee, MiRiNae Lee, Hyo Won Jang, Swarup Biswas, and Hyeok Kim School of Electrical and Computer Engineering, University of Seoul
TB1-H-5 10:15-10:30	Vertically Stacked RGB Micro-LEDs Via Transfer Printed Semiconductor Sheets Seong Woo Hong and Yei Hwan Jung Department of Electronic Engineering, Hanyang University
TB1-H-6 10:30-10:45	Quantum Efficiency Enhancement by Using Guided-Mode Resonance Structure on eSWIR T2SL nBn Photodetector Dongho Gwak, Seung-Yeop Ahn, Jinha Lim, and Sang Hyeon Kim School of Electrical Engineering, KAIST