

iMiD 2024

The 24th International Meeting on Information Display
August 20-23, 2024 / ICC Jeju, Jeju, Korea

Session Title:	53. Bio-Integrated Optoelectronic Sensors
Session Date:	August 23 (Fri.), 2024
Session Time:	10:40-11:40
Session Room:	Room E (302)
Chair(s):	Prof. Sungjun Park (Ajou Univ., Korea) Prof. Sang Min Won (Sungkyunkwan Univ., Korea)

[E53-1] 10:40-10:55

Red-NIR OLED Using Fibrous Color Conversion Layers of CuInS₂/ZnS Quantum Dots for Bioactivating Cytochrome C Oxidase Enzyme

Tran Thien Tri, Sung Min Cho (Sungkyunkwan Univ., Korea), Hyun Jong Lee (Gachon Univ., Korea), and Deok Su Jo (Sungkyunkwan Univ., Korea)

[E53-2] 10:55-11:10

Wavelength Selective Quantum Dots Organic Light Emitting Diodes Patch for PPG & Photomedicine Applications

Young Woo Kim (Gachon Univ., Korea), Jae Gyun Choi, Kyoung Hwa Kim (InnoQD, Co., Ltd., Korea), Jeong Hyun Kwon (Chungbuk Nat'l Univ., Korea), Eou-Sik Cho, Sang Jik Kwon, and Yongmin Jeon (Gachon Univ., Korea)

[E53-3] 11:10-11:25

Plant-Integrated Electronics

Jae Joon Kim and Jaehyun Kim (ETRI, Korea)

[E53-4] 11:25-11:40

Development of a Wearable Balloon-Shaped Optical Fiber Sensor for Real-Time Pulse Monitoring

Abhishek Joshi and Hyoung Won Baac (Sungkyunkwan Univ., Korea)