

IMiD 2020

The 20th International Meeting on Information Display
August 25 - 28, 2020 / Online Conference

Topic Title: 15. Touch and UI/UX Displays

Session Title: 02. Next-Generation Soft Touch & Haptics

[02_15_1734] [Invited]

Piezo/Triboelectric Potential Modulated Semiconductor Devices

Qijun Sun (Chinese Academy of Sciences, China)

[TBA] [Invited]

TBA

Jeong-Yun Sun (Seoul Nat'l Univ., Korea)

[02_15_1784] [Invited]

Optical and Thin Film Approaches to Mechanical Sensing

Zachary A. Lamport, Keith Behrman, Marco R. Cavallari, Kevin Kam, Christine K. McGinn, Pedro Piacenza, Benedikt Schifferer (Columbia Univ., USA), Caroline Yu (Apple, USA), Matei Ciocarlie, and Ioannis Kymissis (Columbia Univ., USA)

[02_15_1674]

Novel Approach of Amine-Functionalized Polymer Semiconductor Network for NO₂ Chemotransistor with Remarkable Sensitivity and Recovery

Hyukmin Kweon, Jaehee Kim, Han Wool Park, Pureunsan Go, Joo Sung Kim, and Do Hwan Kim (Hanyang Univ., Korea)

[02_15_1712]

Flexible Diketopyrrolopyrrole-Polymer/Metal-Oxide Hybrid Phototransistors for Low-Power Physiological Monitoring

Byung Ha Kang, Sujin Jung, Kyungho Park, Dong Hyun Choi (Yonsei Univ., Korea), Mike Hamsch (TU Dresden, Germany), and Hyun Jae Kim (Yonsei Univ., Korea)