[TS06T5]

Nanomaterials and Emerging Technologies for Next Generation Sensors 4

Date & Time	July 4(Thu.), 2024 / 15:40-18:10
Place	Room 208
Session Chair(s)	Sanghwa Jeong (Pusan Nat'l Univ.)

TS06T5_I_1 *Invited 15:40-16:10

Near Infrared Fluorescent Nanosensors for Biomedical Imaging

Sebastian Kruss[1,2]

([1]Ruhr University Bochum, [2]Fraunhofer IMS)

TS06T5_O_2 16:10-16:25

Stimuli-Responsive Chiral Biophotonic Composites for Switchable Photonics and Sensors

Saewon Kang[1] and Vladimir V. Tsukruk[2]

([1]KRICT, [2]Georgia Institute of Technology)

TS06T5_I_3 *Invited 16:25-16:55

Skin-Conformable Sensors and Displays using Stretchable Polymer Electronic Materials

Naoji Matsuhisa

(The University of Tokyo)

TS06T5_I_4 *Invited 16:55-17:25

Glass Transition Temperature as a Unified Parameter to Design Self-Healable Elastomers

Jae-Man Park[1], Chang Seo Park[1], Sang Kyu Kwak[2], and Jeong-Yun Sun[1]

([1]Seoul National University, [2]Korea University)

TS06T5_O_5 17:25-17:40

Systematic Design of 3D Corona Phase Interfaces to Accelerate Sensor Development Time

Sooyeon Cho

(Sungkyunkwan University)

TS06T5_O_6 17:40-17:55

Shape-Adaptive Multiplexed Phototransistor Arrays using Stretchable Color-Sensitive Quantum Dot Nanocomposites

Jiyong Yoon and Donghee Son

(Sungkyunkwan University)

TS06T5_O_7 17:55-18:10

Solution-Processed van der Waals Thin Films for Phototransistor Array

Jihyun Kim and Joohoon Kang

(Sungkyunkwan University)

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