

Room C #103 16:00-18:00**[We-C3] Printed Devices and Sensors****Session Chairs:**

Tae Hoon Lee (Kwangwoon Univ., Korea),
Steve Park (KAIST, Korea)

We-C3-1 [Invited] 16:00-16:30**R2R Gravure Printed Carbon Nanotube and PBTTT based TFT-Active Matrix for Digital Signage Application**

Gyoujin Cho
Sunchon Nat'l Univ., Korea

We-C3-2 [Invited] 16:30-17:00**Towards Ideal Printed Organic Transistors**

Liu Chuan
Sun Yat-Sen Univ., China

We-C3-3 17:00-17:15**Inkjet Printing MoS₂ Nanosheet Decorated Pd for the Detection of Hydrogen**

Seung-Ik Han¹, Young-Gyu Nho¹, Soo-bin Oh², Kye-Si Kwon², and Hyungtak Seo¹
¹Ajou Univ., Korea, ²Soonchunhyang Univ., Korea

We-C3-4 17:15-17:30**Inorganic Polymer Micro-Pillar based Solution Shearing of Large-Area Organic Semiconductor Thin Film with Controlled Single-Crystalline Domain and Morphology**

Jeongchan Lee, Steve Park, and Jin-Oh Kim
KAIST, Korea

We-C3-5 17:30-17:45**Three-Dimensional Size Controllable Microporous PDMS Structure Pressure Sensor via Microfluidic Assisted Self-Assembly**

Jin-Oh Kim, Se Young Kwon, and Steve Park
KAIST, Korea

Room D #104 16:00-18:00**[We-D3] Perovskite Solar Cells II****Session Chairs:**

Jangwon Seo (KRICT, Korea),
Jun Hong Noh (Korea Univ., Korea)

We-D3-1 [Invited] 16:00-16:30**Highly Efficient and Stable Transparent P-I-N Type Perovskite Solar Cells for Tandem Solar Cells**

Ik Jae Park, Min Ah Park, and Jin Young Kim
Seoul Nat'l Univ., Korea

We-D3-2 [Invited] 16:30-17:00**Understanding of Compositional Mixing in Metal-Halide Perovskites**

Ki-Ha Hong
Hanbat Nat'l Univ., Korea

We-D3-3 17:00-17:15**Flexible Lead-Free CH₃NH₃SnI₃/PVDF Composite-based Nanogenerator as Piezoelectric Energy Harvester**

Swathi Ippili and Soon-Gil Yoon
Chungnam Nat'l Univ., Korea

We-D3-4 17:15-17:30**Surface Oxidation of Titanium Metal Plates for Flexible Perovskite Solar Cells**

Gill Sang Han^{1,2}, Seongha Lee², Matthew Duff², Fen Qin², and Jung-Kun Lee²
¹Sungkyunkwan Univ., Korea, ²Univ. of Pittsburgh, USA