

## [TS13T5]

### Nanofabrication Process and Platform 5

<b>Date &amp; Time</b>	July 4(Thu.), 2024 / 15:40-17:55
<b>Place</b>	Room 212
<b>Session Chair(s)</b>	Hoon-Eui Jung (UNIST), Kyunghoon Kim (Sungkyunkwan Univ.)

**TS13T5\_I\_1 \*Invited 15:40-16:10**

**The Vacuum Interconnected Nanotech Workstation (Nano-X): A New Paradigm for Nano/Atomic Fabrication**

Ting Zhang  
*(Chinese Academy of Sciences)*

**TS13T5\_I\_2 \*Invited 16:10-16:40**

**Versatile Photonic Crystal Arrays for Colorimetric Sensing**

Jae Sung Yoon<sup>1,2</sup>, Nguyen Hoang Minh<sup>1,2</sup>, Kwanoh Kim<sup>1</sup>, Do Hyun Kang<sup>1</sup>, and Yeong-Eun Yoo<sup>1,2</sup>  
*(<sup>1</sup>KIMM, <sup>2</sup>UST)*

**TS13T5\_I\_3 \*Invited 16:40-17:10**

**Digitizing Soft Machine: Programmable Materials, Structures and Devices**

Jiyun Kim  
*(UNIST)*

**TS13T5\_O\_4 17:10-17:25**

**Anisotropy in Epitaxial Molybdenum Thin Films for Interconnects**

Si-Hyeon Joo<sup>1</sup>, Jeong-Eun Chae<sup>2</sup>, and Dooho Choi<sup>3</sup>  
*(<sup>1</sup>Dong-Eui University, <sup>2</sup>GERI, <sup>3</sup>Gachon University)*

**TS13T5\_O\_5 17:25-17:40**

**Emissivity Calculation Method for Freestanding Nanomembrane**

Kihun Seong<sup>1,2</sup>, Yongkyung Kim<sup>1,3</sup>, Hye-Young Kim<sup>1,2</sup>, Jiho Kim<sup>4</sup>, Sangsul Lee<sup>4</sup>, Hyun-Mi Kim<sup>1</sup>, Hyeongkeun Kim<sup>1</sup>, and Seul-Gi Kim<sup>1</sup>  
*(<sup>1</sup>KETI, <sup>2</sup>Sungkyunkwan University, <sup>3</sup>Hanyang University, <sup>4</sup>POSTECH)*

**TS13T5\_O\_6 17:40-17:55**

**Contact Hole Shrinkage by Resist Flow and Block-Copolymer: A Computational Study**

Sang-Kon Kim  
*(Hongik University)*