

**[TS14T4]****Nanometric Metrology and Computation 3**

<b>Date &amp; Time</b>	July 4(Thu.), 2024 / 14:00–15:30
<b>Place</b>	Room 209B
<b>Session Chair(s)</b>	Yooun Heo (Inha Univ.)

**TS14T4\_I\_1 \*Invited 14:00–14:30****Emergent Piezoelectric Effect at Engineered Polar Interfaces**

Ming-Min Yang

*(Hefei National Laboratory)***TS14T4\_O\_2 14:30–14:45****Moiré Charge Localization in Twisted Freestanding Oxide Membranes**Min-Su Kim<sup>1</sup>, Kyoungjun Lee<sup>2</sup>, Kyung Song<sup>3</sup>, Teruyasu Mizoguchi<sup>4</sup>, Ryo Ishikawa<sup>4</sup>, Ki-Tae Eom<sup>2</sup>, Mark S. Rzchowski<sup>2</sup>, Chang-Beom Eom<sup>2</sup>, and Si-Young Choi<sup>1,5</sup>*(<sup>1</sup>POSTECH, <sup>2</sup>University of Wisconsin-Madison, <sup>3</sup>KIMS, <sup>4</sup>University of Tokyo, <sup>5</sup>IBS)***TS14T4\_I\_3 \*Invited 14:45–15:15****Interface Analysis of Nano-Scale Semiconductor Thin Films using Cross-sectional TEM**

Hu Young Jeong

*(UNIST)***TS14T4\_O\_4 15:15–15:30****Direct Probing of Chalcogen-Driven Atomic-Reconstruction in Thermodynamic Moiré Heterobilayer**Dong-Hwan Yang<sup>1,2</sup>, Kyo-Won Lee<sup>1,2</sup>, Chang-Soo Lee<sup>1</sup>, Moon-Ho Jo<sup>1,2</sup>, and Si-Young Choi<sup>1,2</sup>*(<sup>1</sup>POSTECH, <sup>2</sup>IBS)*