



## 7<sup>th</sup> IEEE Electron Devices Technology and Manufacturing (EDTM) Conference 2023

March 7 – 10, 2023 / COEX Seoul, Korea

46E. Energy Harvesting Device and System	
Session Date:	March 9(Thu.), 2023
Session Time:	16:30-17:35
Session Room:	Room E (#308 a)
Session Chair:	Prof. Kibum Kang (Korea Advanced Institute of Science and Technology)

**[46E-1] [Invited] 16:30-16:55**

### Ultrathin Organic Solar Cells for Wearable/Soft Robot Applications

Kenjiro Fukuda<sup>1</sup> and Takao Someya<sup>1,2</sup>

<sup>1</sup>RIKEN, <sup>2</sup>The University of Tokyo

**[46E-2] [Invited] 16:55-17:20**

### Grain Boundary Engineering at the Atomic-Level of Two-Dimensional Materials

Cheol-Joo Kim<sup>1,2</sup>

<sup>1</sup>Institute for Basic Science, <sup>2</sup>Pohang University of Science and Technology

**[46E-3] 17:20-17:35**

### Intrinsic Mobility Enhancement of 2D Sn(II)-Based Perovskites via Molecular Doping

Youjin Reo, Huihui Zhu, Ao Liu and Yong-Young Noh

Pohang University of Science and Technology