[TE1] E. Other Sensors (Emerging Sensor Technologies)-3	
Session Date	November 10 (Tue.), 2026
Session Time	10:40-11:50
Session Room	Room E (Conference Room 522)
Session Chairs	Prof. Zhengjun Zhang (Tsinghua University), Prof. Wan-Young Chung (Pukyong National University)

[TE1-1] [Invited] **10:40-11:05**

Low-Dimensional Materials for Sensors and Radiation-Hardened Electronics

Yeonhoo Kim

Korea Research Institute of Standards and Science, Korea

[TE1-2] **11:05-11:20**

Phase-Shifted Balanced Maximum-Entropy m-Sequence Modulation for Synchronous Multi-Wavelength In Situ Fluorescence Sensing

Tingkai Zhang, Yee Lyn Sim, Zhejia Li, Jianchao Luo, and Shuming Ye

Zhejiang University, China

[TE1-3] **11:20-11:35**

High-Sensitivity In Situ Chlorophyll a Fluorescence Sensing based on Balanced Maximum-Entropy m-Sequence Modulation

Tingkai Zhang, Yee Lyn Sim, Zhejia Li, Jianchao Luo, and Shuming Ye

Zhejiang University, China

[TE1-4] **11:35-11:50**

Omnidirectional 3-D Antenna for Ambient RF Energy Harvesting in Battery-Less Sensor Systems

Huu-Tam Nguyen, Yudi April Nando, Mubarok Rizki Akbar, and Wan-Young Chung

Pukyong National University, Korea