| [TA2] Special Session: AI-based Receptor and Biosensor Standardization | |
|---|---|
| **Session Date** | November 10 (Tue.), 2026 |
| **Session Time** | 13:30-14:45 |
| **Session Room** | Room A (Conference Room 517) |
| **Session Chairs** | Prof. Hyung-Gi Byun (Kangwon National University),<br>Prof. Tai Hyun Park (Ewha Womans University) |

**[TA2-1]** **13:30-13:45**

**Human Olfactory Receptor-Based Bioelectronic Nose Standardization**

Tai Hyun Park

*Ewha Womans University, Korea*

**[TA2-2]** **13:45-14:00**

**Bio-Inspired Nanomaterials for Biosensor Standardization**

Krishna C. Persaud

*The University of Manchester, United Kingdom*

**[TA2-3]** **14:00-14:15**

**Building Platform of Algorithmic Scent Creation**

Takamichi Nakamoto

*Institute of Science Tokyo, Japan*

**[TA2-4]** **14:15-14:30**

**Standardized Signal Processing Framework for OR-Based Bioelectronic Nose**

Hyung-Gi Byun

*Kangwon National University, Korea*

**[TA2-5]** **14:30-14:45**

**Recent Trends in Biosensor Related International Standardization in IEC and ISO**

Joon-Shik Park

*Korea Electronics Technology Institute, Korea*