

Japan–Korea–Taiwan Joint Symposium on Gas Sensors

Chemical Sensor Symposium, The 93rd Annual Meeting of ECSJ

Tuesday, 17 March 2026 | Tokyo University of Science, Noda Campus (Lecture Hall Building)

Session	Japan-Korea-Taiwan Joint Symposium on Gas Sensors (JKT)
Venue	Tokyo University of Science, Noda Campus (Lecture Hall Building 3F K302 / ECSJ Symposium S13)
Date & Time	Tuesday, March 17, 2026 13:00-16:30

Hosted by the Japan Association of Chemical Sensors (JACS), The Electrochemical Society of Japan (ECSJ)

Session Venue	Reception
Lecture Hall Building (3F K302 room area in venue map) Tokyo University of Science, Noda Campus	March 17, 18:00-20:00 JKT reception at Washoku Yoshifuku (和食 吉福) near JR Kashiwa Station https://maps.app.goo.gl/f1B4h5CYzRAX659n8 (We will guide participants after the session.)

Program

Time	Speaker	Title	Chair person
12:55–13:00	Prof. Masanobu Matsuguchi (Ehime Univ., Japan)	Opening remarks by the President of the Japan Association of Chemical Sensors	Prof. Tetsuya Kida (Kumamoto Univ., Japan)
13:00–13:30	Dr. Joon-Shik Park (Korea Electronics Technology Institute, Korea)	Advanced Ceramics Materials Modification Strategies for High-Performance Hydrogen Sulfide Gas Sensing and Low-Powered MEMS NOx Gas Sensor	
13:30–14:00	Prof. Yu-Lun Chueh (National Tsing-Hua Univ., Taiwan)	Innovative Phase/Structure-Engineered Two-Dimensional Layered Hybrid Films for Smart Sensors	
14:00–14:30	Prof. Koichi Suematsu (Kyushu Univ., Japan)	Single-Crystal SnO ₂ Nanorods for the Detection of Volatile Organic Compounds	
14:30–14:45	Coffee break		
14:45–15:15	Prof. Soohwan Jang (Dankook Univ., Korea)	Fabrication and Applications of Wide-Bandgap Semiconductor Ga ₂ O ₃ for Gas Sensing	Prof. Yoshiteru Itagaki (Ehime Univ., Japan)
15:15–15:45	Prof. Hsiao-Wen Zan (National Yang Ming Chiao Tung Univ., Taiwan)	Room-Temperature-Operated Semiconductor Gas Sensors for Oral Gas Detection	
15:45–16:15	Prof. Taro Ueda (Nagasaki Univ., Japan)	Development of Sensing Electrodes for Solid Electrolyte-type Gas Sensors Capable of Sensitive Detection of VOCs	
16:15–16:30	Group photo		

Useful Notes

- The symposium language is English.
- Please arrive at the lecture room at least 10–15 minutes before your talk.
- The JKT reception will be held at Washoku Yoshifuku (和食 吉福) near JR Kashiwa Station, 18:00-20:00 on March 17.
- Hotels near JR Kashiwa Station are recommended for convenient access to both the campus and the JKT reception venue.