

AI Sensors

2026
Conference

The 3rd International Conference on AI Sensors and Transducers

02–07 August 2026 | Jeju, Korea

Transducers

2026
Conference

Mark your calendars! The much-anticipated **3rd International Conference on AI Sensors and Transducers (AIS 2026)**, will be held from 2 to 7 August 2026 in Jeju, Korea.

Please visit the event website for more information about the symposia topics, chairs, speakers and publication opportunities.

Event Chairs



Prof. Inkyu Park

Korea Advanced Institute of
Science and Technology



Prof. Zhou Li

Tsinghua University



Prof. Xinge Yu

City University of Hong Kong



Prof. Chengkuo Lee

National University of Singapore

Plenary Speakers



Prof. Wei Gao

California Institute of Technology



Prof. Mo Li

University of Washington



Prof. Shoji Takeuchi

The University of Tokyo



Prof. Hyunhyub Ko

Ulsan National Institute of
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Poster Submissions Now Open!

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Register Early!

Early-Bird Registration Deadline:

9 June 2026

Registration Deadline:

1 August 2026

Find out more about registration here:

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Conference Secretariat

ais2026@mdpi.com

Organizers:

MDPI, Sensors, Micromachines, AI Sensors, Micro,
Remote Sensing, Robotics, Technologies,
The Korean Sensors Society



Symposia and Symposia Chairs

S1. Metasurface and Metaoptics

Prof. Jinghua Teng, A*STAR Research

Prof. Junsuk Rho, Pohang University of Science and Technology

S2. AI-Accelerated Design for Materials and Sensors

Prof. Po-Liang Liu, Chung-Hsing University

Prof. Cheng-Tang Pan, National Institutes of Applied Research

S3. AI-Driven Biomedical Imaging and Diagnostics

Prof. Xiaogang Liu, National University of Singapore

Prof. Hong Liu, Shandong University

Prof. Qiushui Chen, Fuzhou University

Prof. Sanyang Han, Tsinghua University

S4. AI-Enhanced Bioelectronics

Prof. Zhou Li, Tsinghua University

Prof. Zhuo Liu, Beihang University

Prof. Ting Zhang, Chinese Academy of Sciences

S5. AI-Driven Bio/Chemical Sensors

Prof. Hong Zhou, Northwestern Polytechnical University

Prof. Sanghoon Lee, Daegu Gyeongbuk Institute of Science and Technology

S6. AI Sensors for Smart Healthcare Applications

Prof. Inkyu Park, Korea Advanced Institute of Science and Technology

S7. Microfluidics, Lab-on-a-Chip and MicroTAS

Prof. Chia-Hung Chen, City University of Hong Kong

Prof. Michinao Hashimoto, Singapore University of Technology and Design

Prof. Yun Jung Heo, Kyung Hee University

S8. Advanced Sensors for Robots and Autonomous Systems

Prof. Huicong Liu, Soochow University

S9. Soft Sensors and Actuators for Human–Machine Interface

Prof. Xinge Yu, City University of Hong Kong

Prof. Sang Min Won, Sungkyunkwan University

Prof. Yiming Liu, Macau University of Science and Technology

S10. Soft Robotics Technologies

Prof. Zhigang Wu, Huazhong University of Science and Technology

Prof. Yunlong Zi, The Hong Kong University of Science and Technology (Guangzhou)

S11. Flexible, Stretchable and Wearable Sensors

Prof. Jun Wu, Southeast University

Prof. Qiongfang Shi, Southeast University

Prof. Yang Li, Shandong University

S12. Nanogenerators and Self-Powered Sensors

Prof. Zhen Wen, Soochow University

Prof. Ju-Hyuck Lee, Daegu Gyeongbuk Institute of Science & Technology

Prof. Min-Hsin Yeh, Taiwan University of Science & Technology

S13. Energy Harvesting Technology and Intelligent

Sensing Applications

Prof. Shengxi Zhou, Northwestern Polytechnical University

Prof. Zhihui Lai, Shenzhen University

Prof. Junlei Wang, Zhengzhou University

S14. Sensing Technology for Natural and Harsh Environment

Prof. Toshihiro Itoh, The University of Tokyo

Prof. Ryutaro Maeda, Xi'an Jiaotong University

Prof. Xueyong Wei, Xi'an Jiaotong University

S15. IoT Sensors and System Integration

Prof. Zaifa Zhou, Southeast University

Prof. Huicong Liu, Soochow University

S16. Remote Sensing and Its Applications

Prof. Wenjiang Huang, Chinese Academy of Sciences

S17. Smart Cities Sensing Technologies

Prof. Xingyi Zhu, Tongji University

Prof. Jianxiong Zhu, Southeast University

Prof. Sang-Seok Lee, Tottori University

S18. Cross Data for Sensing Applications

Prof. Lei Shu, Nanjing Agricultural University

S19. MEMS/NEMS Sensors

Prof. Bin Yang, Shanghai Jiao Tong University

Prof. Nan Wang, Shanghai University

Prof. Jian Chen, University of Chinese Academy of Sciences

S20. Wearable and Flexible Ultrasound Electronics

Prof. Lin Zhang, University at Buffalo

Prof. Hongjie Hu, Peking University

S21. Optical MEMS and Photonic NEMS

Prof. Guangya Zhou, National University of Singapore

Prof. Hongbin Yu, Huazhong University of Science and Technology

S22. Fiber Optics for Biosensing, Environmental Sensing, and Wearable Applications

Prof. Yu-Cheng Chen, Nanyang Technological University

S23. Si Photonics for Sensing and Edge Computing

Prof. Shilun Feng, University of Chinese Academy of Sciences

Prof. Yunfeng Xiao, Peking University

S24. 2D Material-Enabled Nanosensors, Neuromorphic Computing and Applications

Prof. Wu Shi, Fudan University

S25. Nanomaterials and Gas/Chemical Sensors

Prof. Sang Sub Kim, Inha University

Prof. Zhen Yuan, University of Electronic Science and Technology of China

S26. Smart Gas Sensors and Artificial Olfactory

Prof. Xuhui Sun, Soochow University

Prof. Liang Feng, Chinese Academy of Sciences

Prof. Zhi Yang, Shanghai Jiao Tong University

S27. Regular Symposium

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