ISOEN 2026

Chongqing, China
May 17–20, 2026
https://www.isoen2026.org/

International Symposium on Olfaction and Electronic Nose

The Premier Conference on Olfaction and Chemical Sensing

The International Society on Olfaction and Chemical Sensing (ISOCS) is pleased to announce that the International Symposium on Olfaction and Electronic Nose (ISOEN 2026) will take place from May 17–20, 2026, in Chongqing, China.

ISOEN is the leading scientific conference dedicated to advances in artificial olfaction, taste, and related technologies. It brings together researchers and industrial partners around the world to present and discuss the latest innovations in electronic noses, electronic tongues and related sensors.

The conference organizers for ISOEN 2026 are Prof. Fengchun Tian and Prof. Lei Zhang from Chongqing University, who will welcome participants to Chongqing, one of the most dynamic and technologically advanced cities in China.

Stay tuned for further details, including the call for papers, keynote speakers, and registration information. We look forward to welcoming you to an exciting and inspiring conference in Chongqing, China, in May 2026!

KEYNOTE SPEAKERS

James Covington
Professor
University of Warwick

Genki Yoshikawa
Group Leader (NIMS)
Professor, University of Tsukuba
CTO, Qception

Liujing Zhuang
New Hundred Talents Program
Professor, Zhejiang University

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- Lei Zhang — Chongqing University, China

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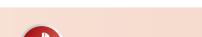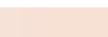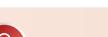- Fanli Meng — Northeastern University, China

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- Yingjian Liu — Hanwang Technology Co., Ltd, China
- Yi Xu — Chongqing University, China

TOPICS OF INTEREST

E-noses & E-tongues: including but not limited to sensor array based, VOC analysers, IMS, optical based systems etc.

Related Sensors: Chemical sensors, olfactory biosensors, cell-based olfactory sensors, receptor-based sensors, bioinspired smell and taste sensors; Novel detection principles, sensitive materials, sensor arrays, ...

Odor Sampling: odor/gas/liquid sampling (static or dynamic sampling), headspace analysis, pre-concentration, storage, etc.

Odor and Gustatory Perception: mechanism, impact, applications

Olfactory Display: novel technologies, wearable device, virtual reality

IoT and Robotic Systems: related to sensor arrays for odors, tastes, and complex gas/liquid mixtures detection

Data Analysis: classification and quantification techniques (machine learning, bioinspired algorithms, AI based algorithm etc.), improvement of metrological performances (drift, baseline stability, sensitivity, selectivity, interferences, reproducibility, etc.)

Applications: medical, industrial, agriculture, environmental, food and beverages, cosmetics & fragrances, forensic, anti-terrorist, energy (such as hydrogen detection) etc.

Regulations and Standards: e-nose, e-tongue or related sensors.

SS01: E-Noses and Chemical Sensing in Energy Applications

SS02: Heterogeneous Robotic Systems for Environmental Monitoring

SS03: Lightweight Deep Learning for Resource-Efficient Electronic Nose Signal Processing

SS04: Electrochemical Sensing of Neurotransmitters: From Molecular Detection to Neurological Diagnostics

SS05: Biomimetic Sensor Systems for Analysis of Taste

SS06: Biomimetic Olfactory Perception and Intelligent Electronic Nose

Submissions and Paper Specification Information

Submit to the conference through Epapers Portal

Scan the QR code or click the following link to submit your paper to conference through Epapers Portal:

https://epapers2.org/isoen2026

*The accepted papers after proper registration and presentation will be included in the conference proceedings, which will be published in **IEEE Xplore**. The proceedings will be submitted to be indexed by **EI Compendex** and **Scopus**.

Direct to the IEEE Sensors Letters through ScholarOne Manuscripts

For further information, please visit:
https://www.isoen2026.org/author-instructions/

IMPORTANT DATES

Full Paper Submission Deadline	Jan. 19, 2026
Acceptance Notification Deadline	Mar. 6, 2026
Early Bird Registration Deadline	Mar. 20, 2026
Final Paper and Copyright Submission Deadline	Mar. 20, 2026

SNIFFEST 2026 EDITION

May 18, 2026, ISOEN 2026 conference

The 5th edition of Sniffest will focus on the recognition of Chinese Medicinal Herbs (CMHs) which features one of the Chinese traditional civilization.

More details could be found at:
https://www.isoen2026.org/sniffest

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