

International Workshop on Digital Scent Technology

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Digital scent technology is now evolving. The scents can be handled by digital technology, leading to odor reproduction, scent creation, scent presentation, odor sensing and their applications. The cutting-edge technologies are presented as well as demos. Everyone, who is interested in scent technologies, is welcome to join the workshop.

Date: 9:30-17:30JST, **September 1st, 2026**

Venue: Royal Blue, Science Tokyo Front, Ookayama campus, Institute of Science Tokyo,
Tokyo, Japan

Event type: hybrid except demos and posters

Event URL: <http://nt.first.iir.isct.ac.jp/html/ws2026sep/index.html>

Invited speakers:

Charles Spence, Oxford University, UK
(Sc)entertainment

Joel Mainland, Monell Chemical Senses Center, USA
Predicting Mixture Character From Molecular Structure

Marianna Obrist, University College London, UK
Smelling by Design: A Human-Centred Approach to Digital Scent Technology

Speakers

Takamichi Nakamoto, Institute of Science Tokyo
Building platform for digital scent technology

Takefumi Kobayashi, Bunkyo Gakuin University
Orchestrating Sensory Harmony: The Distinctive Role of Olfaction in Cross-Modal VR
Cognitive Training

Manabu Okumura, Institute of Science Tokyo
Generating Odor Descriptors with LLMs

Hiroshi Ishida, Tokyo University of Agriculture and Technology
Subtractive Mixing from Olfactory White: Challenges toward Versatile Odor Creation

Mina Okochi, Institute of Science Tokyo
Screening of olfactory receptor-derived peptides for detecting odors

Demos & posters

TAIYO YUDEN CO., LTD., Tokyo University of Agriculture and Technology
The University of Electro-Communications, Institute of Science Tokyo

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