ISOEN

International Symposium on Olfaction and Electronic Nose
May 12-15 , 2024 | Grapevine, Texas

GRAPEVINE TEXAS
CONVENTION & VISITORS BUREAU
www.GrapevineTexasUSA.com
@VISITGRAPEVINE
#GrapevineTX

CALL FOR PAPERS

IMPORTANT DATES

December 22, 2023
Special session and Tutorial proposals

January 15, 2024
Abstract submission deadline

March 15, 2024
Acceptance notification

April 15, 2024
Early bird registration deadline

ORGANIZERS

Conference Chair
Jeong Bong (JB) Lee
Baylor University, USA

Technical Program Chair
Alisa Rudnitskaya
University of Aeiro, Portugal

Treasurer
Jan Mitrovics
JLM Innovation GmbH, Germany

Tutorials Chair
Laura Capelli
Politechnico Milano, Italy

Publicity Chair
Anne Claude-Romain
Université de Liège, Belgium

Industry Chair
Radislav A. Potyrailo
GE Research, USA

Local Organizing Committee Chair
Seung Kim
Baylor University

We would like to invite you to join us at the The International Symposium on Olfaction and Electronic Nose – ISOEN 2024 in Grapevine, Texas, from 12th to 15th of May 2024.

The International Symposium on Olfaction and Electronic Nose (ISOEN) is the world's premiere technical conference in artificial chemoreception, olfaction and taste.

ISOEN 2024 provides a forum for scientists, engineers and practitioners to share their latest findings, innovations and products in the area of artificial chemoreception.

ISOEN 2024 will be held in Grapevine, Texas, a town right next to the Dallas Forth-Worth (DFW) International Airport, Texas, USA. Nestled right in the middle of one of the biggest metroplexes in the US, Grapevine boasts rich heritage, top-rated shopping and world-class dining, live entertainment venues, stunning landscapes, and beautiful nature around the Grapevine Lake. Grapevine offers easy access to DFW metroplex area sporting events, entertainment and culture.

Topics of interest:

» Odor sampling: headspace analysis, dynamic sampling, pre-concentration and storage
» New detection principles and materials for sensors for gases, odors and liquids
» Sensors with multiple responses (known as multivariable or multiparameter sensors, virtual sensor arrays)
» Odor and taste analysis devices, including Electronic Noses, Electronic Tongues
» New data analytics (machine learning) for immunity to interferences, improved stability of baseline and sensitivity
» Applications: medical, industrial, environmental, air quality, and food safety
» IoT and robotic systems with chemical and biological sensors
» Odor and gustatory perception and olfactory display
» Bioengineering: cell-based olfactory sensors, receptor-based sensors, bio-inspired algorithms

Visit us at **https://www.isoen2024.org**

iSOCS
International Society for Olfaction and Chemical Sensing

BU | Baylor University
SCHOOL OF ENGINEERING & COMPUTER SCIENCE

IEEE Sensors Council