



ISOEN 2017

MONTREAL, CANADA | MAY 28-31, 2017

ISOCS/IEEE International Symposium On Olfaction And Electronic Nose



Enabling Internet-Scale Chemical Sensing

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TBC

ISOEN 2017: The International Symposium on Olfaction and Electronic Nose (ISOEN) is the world's premiere technical conference in artificial chemoreception (olfaction and taste). ISOEN 2017 provides a forum for scientists, engineers and practitioners to share their latest findings, innovations and products in the area of artificial chemoreception.

Montreal: ISOEN 2017 will be held at McGill University, in the heart of Montreal (Canada) and steps away from the downtown business core, numerous art galleries, restaurants and the metro system. Known as one of the most cosmopolitan cities in the world, Montreal offers a variety of cultural events, from music and art to fashion; culinary experiences, from fine-dining to street food; and outdoor attractions, from strolling along cobblestone streets to bike rides through acres of parks.

Topics of Interest: ISOEN emphasizes interdisciplinary approaches addressing all aspects of odor and taste measurement, from basic theory to applications. Topics of interest include but are not limited to:

- Odor sampling: headspace analysis, dynamic sampling, pre-concentration and storage
- Chemical sensors: gas, biosensors, ion-selective, optical
- Sensor systems: electronic noses, electronic tongues, micro-spectrometers
- Data analysis: signal processing, pattern recognition, chemometrics
- Industrial applications: quality control, food safety, medical diagnostics, environmental monitoring
- Odor generation: olfactometry, olfactory displays
- Bio-engineering: cell-based olfactory sensors, bio-inspired algorithms

Now in its 17th edition, ISOEN 2017 will be organized around the theme of internet-scale chemical sensing with mobile, wearable, and distributed sensors. In particular, we welcome contributions in the following areas:

- Crowd sensing with consumer-grade instruments
- Wearable sensors for exposure monitoring
- Autonomous sensing with aerial, ground and underwater robots
- Algorithms for distributed chemical sensing

Tutorial and Special Session Proposals: Tutorials will be held on May 28, 2017. Tutorial proposals must include title, contact and biosketch for the presenter(s), and a description of the tutorial. Special session proposals must include a topical title, rationale, session outline, contact information, and a list of invited speakers. Additional information can be found at the ISOEN 2017 website.

Submission of Papers: Prospective authors are invited to submit full-length papers, with up to three pages (double column) for technical content including figures and possible references. Presented papers will be included in the proceedings of ISOEN 2017 and in IEEE Xplore –pending formatting requirements being met.

Paper Presentation and Conference Registration: Each paper must be covered by at least one of its co- authors with a full registration. Participants with a full registration can cover a maximum of two (2) papers. Detailed information will be posted on the conference registration page.

Important Deadlines:

Special session & tutorial proposals	November 6, 2016
Notification of special session & tutorial acceptance	December 4, 2016
Submission of regular papers	January 15, 2017
Notification of paper acceptance	March 15, 2017
Author registration	March 20, 2017
Camera ready uploads	March 28, 2017

Exhibition and Demo Opportunities: The Conference exhibit area will provide your company or organization with the opportunity to inform and display your latest products, services, equipment, books, journals, and publications to attendees from around the world. For further information, contact Chris Dyer, cdyer@ConferenceCatalysts.com

Questions: Please contact the ISOEN 2017 organizing committee (Ricardo Gutierrez-Osuna, H. Troy Nagle, Fabrice Labeau, and Chris Dyer) at oc@isoen2017.org

URL: <http://www.isoen2017.org>

