

ISOCS Short Course Winter 2023

16 - 19 January 2023 – Bormio, Italy

ENVIRONMENTAL GAS & ODOUR SENSING in collaboration with EU project SENSOFT

Develop your knowledge of environmental gas & odour sensing at the ISOCS Short Course in Bormio, Italy

This Short Course will cover topics including:

- Environmental odour monitoring
- Environmental data analysis and processing
- Advanced applications with drones
- Trace detection of air pollutants
- Wireless gas sensing networks
- Sensor calibration techniques

Speakers including:

- Prof. Saverio De Vito, ENEA; President ISOCS
- Prof. Laura Capelli, Politecnico di Milano
- Prof. Agustin Gutierrez Galvez, University of Barcelona
- Prof. Eduard Llobet Valero, Universitat Rovira I Virgili
- Prof. Achim J. Lilienthal, Örebro University
- Dr. Jan Mitrovics, JLM Innovation GmbH, Germany

The Short Course will cover fundamental concepts and practical aspects of chemical sensors systems applied to environmental gas & odour detection and monitoring. Exercises and demonstrations on data processing and on environmental gas sampling and sensing will deliver unique hands-on experience.

Who should attend?

The Short Course is ideal for anyone with an interest in the use of chemical sensors for air quality and odour monitoring, gas sampling methods, environmental data analysis; for example, PhD students, researchers, technologists and industrialists.

Short Courses organized by ISOCS are a unique combination of fundamental theory lectures and practical application exercises. They provide a head start into selected topics of current research and new developments in the area of chemical sensing and olfaction. Most lecturers will be present throughout the duration of the course. Ample opportunity is given for discussion and networking.

Register now! Limited places available only!

For more information please visit www.olfactionsociety.org/event/wintercourse2023

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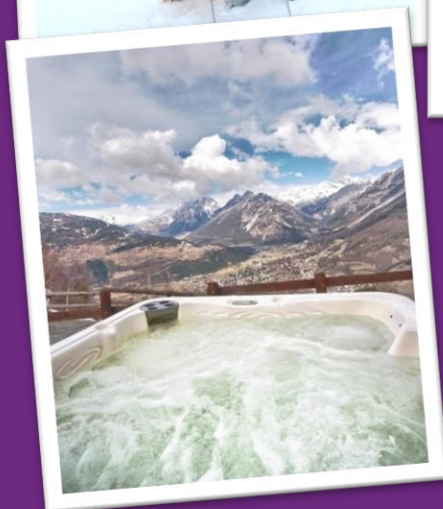
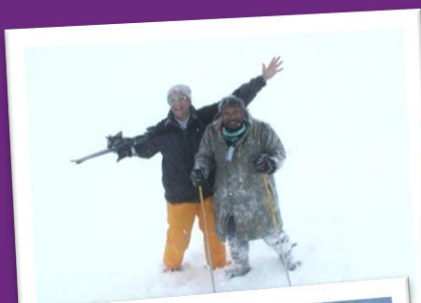
International Society for
Olfaction and Chemical Sensing

www.olfactionsociety.org

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The ISOCS Short Course is delivered by active researchers with international reputations.



The Short Course explores the areas of chemical sensing, data processing, mobile and wireless applications for environmental gas & odour monitoring. We have put together an exciting program that will provide attendees with both theoretical background and practical experience in the above areas.

Topics will be delivered by lectures, discussion, and practical demonstration sessions. Participants will need to bring their own laptops, but will be supplied with sample data and evaluation software. The computing laboratories do not need a high performance computer and can be carried out on a basic laptop running the windows operating system. Participants will also experience a hands-on trial on environmental odour sampling and monitoring.

The Short Course is residential and the programme allows plenty of scope for networking with lecturers and attendees. Theoretical lectures will start on Monday 16th and take place in the morning, with the afternoon free for participants to network, consolidate their knowledge or enjoy the outdoors. Practical sessions, exercises and hands-on demonstrations will be in the early evening, before dinner. The venue is the superb Hotel Vallechiara, located directly at the ski slopes, and the participation fees include all accommodation (5 nights) and meals. Participants may choose either a single room (950 €), double room (850 €) or share a triple/quadruple room (750 €). After the 16th December an extra late registration fee of 50 € will be applied.

Students will receive **free ISOCS membership for 2023**. Accompanying persons are also welcome, at an all inclusive fee of 500 €.

The hotel has also a ski school (Anzi Ski School) and a ski rental, and they will organize ski courses at different levels (from beginners to experts) for the Short Course attendants. We encourage people to ski in the afternoon and we have amongst us, the organisers, some keen skiers.



Sponsored by:



For full programme and conditions visit: www.olfactionsociety.org/event/wintercourse2023

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