

# ISOCS Short Course Winter 2018

10-13 January 2018 – Kühtai, Austria

## Breath Samples Analysis and Advanced Dynamic Operation of Chemical Sensors

in collaboration with EU projects  
**SNIFFPHONE and TROPSENSE**

**Develop your knowledge of breath analysis and chemical sensors at the ISOCS Short Course in Kühtai near Innsbruck, Austria**

### **This Short Course will cover topics including:**

- Fundamentals of chemical sensors and arrays
- Dynamic operation of chemical sensors
- External modulation of chemical sensors
- Analytical equipment for breath analysis
- Breath sampling methods

### **Speakers incl**

- Prof Janusz Smulko , University of Gdansk, Poland
- Dr Radu Ionescu, University of Uppsala, Sweden
- Dr James Covington, University of Warwick, UK
- Dr Vera Ruzsanyi, University of Innsbruck
- Dr. Jan Mitrovics, JLM Innovation GmbH, Germany

The Short Course will cover fundamental concepts and practical aspects of chemical sensors systems and breath analysis. Exercises with operation modes for chemical sensors and demonstrations breath analysis systems will deliver hands on experience.

### **Who should attend?**

The Short Course is ideal for anyone with an interest in breath analysis, breath sampling methods and chemical sensors and is new to the field; 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/wintercourse2018](http://www.olfactionsociety.org/wintercourse2018)