

PROGRAMME OF THE WORKSHOP

- 10:00 – 10:10** Welcome
- 10:10 – 12:00** **PERFLUORINATED COMPOUNDS (PFCs) IN ENVIRONMENT AND FOOD: PRIORITIES AND STRATEGIES**
Jana Pulkrabová
OVERVIEW OF EMERCON (EMERGING CONTAMINANTS) PROJECT ACTIVITIES AND OUTCOMES
Jana Hajšlová, Monika Tomaniová
- 12:00 – 13:00** *Lunch*
- 13:00 – 14:30** **ANALYTICAL APPROACHES FOR PFCs DETERMINATION IN FOOD AND ENVIRONMENTAL MATRICES: SUMMARY**
Jan Poustka
TRACE ANALYSIS OF PFCs: METHOD DEVELOPMENT AND TROUBLESHOOTING
Ondřej Lacina
EMERCON INTERLABORATORY STUDY RESULTS: IMPLEMENTATION OF RELIABLE PROCEDURE FOR DETERMINATION OF PFCs IN FOOD MATRICES
Jana Pulkrabová
- 14:30 – 15:00** *Coffee break*
- 15:00 – 16:00** **PFCs IN THE FOOD MARKET SUPPLY AND CZECH AQUATIC ECOSYSTEM: DATA EVALUATION**
Petra Hrádková
PFCs IN FOOD (PERFOOD PROJECT CONNECTION): SOURCE OF HUMAN EXPOSURE IN DIFFERENT EU REGIONS
Veronika Hloušková
PILOT STUDY: ANALYSIS OF PFCs IN HUMAN BREAST MILK
Darina Lanková
- 16:00 – 16:30** **DISCUSSION**
- 16:30** End of the workshop

Lectures will be given by representatives of ICT Prague, Czech Republic (EMERCON project participants).

AIM of the workshop

This workshop will provide participants knowledge about issues related to the new emerging contaminants, perfluorinated compounds (PFCs), in food and environment and approaches to their analysis in food and environmental matrices.

BACKGROUND

Perfluorinated compounds (PFCs) are emerging food and environmental contaminants that have become of concern due to their possible adverse health effects. They found application in many common products such as waterproof clothes and shoes, packaging materials and fire-fighting foams, from which they can release to the surroundings. Until now, PFCs have been found in a wide range of concentrations, both in abiotic and biotic matrices, including human samples as plasma, blood and breast milk.

To assess health risks associated with dietary intake, in 2008, EFSA (European Food Safety Authority) recommended to EU member states to monitor trends in exposure of two major representatives of this group – PFOS (perfluorooctane sulfonate) and PFOA (perfluorooctanoic acid) in food stuff. These two chemicals are usually used as indicator substances for potential occurrence of other PFCs.

In May 2009, perfluorooctane sulfonate (PFOS) was included at the list of Stockholm convention recommended that further data on levels in food and in humans would be desirable, particularly with respect to monitoring.

In March 2010, COMMISSION RECOMMENDATION (2010/161/EU) on the monitoring of perfluoroalkylated substances in food has been published

Therefore quick, sensitive, reliable and cheap method is required for monitoring not only of PFOS but also for other PFCs that have to be studied more in details.

WORKSHOP KEY OBJECTIVES

- Overview of issues related to the PFCs in food and environment
- Analytical approaches for PFCs determination in food and environmental matrices
- Information about EMERCON interlaboratory study focused on implementation of the procedure for PFCs determination in food into routine practice
- Discussion of future challenges in PFCs research

OUTCOME

Following workshop, participants will be familiarized about issues related to the perfluorinated compounds in the environment and able to apply methodology for determination of PFCs in food into practice.

AUDIENCE

Workshop will be aimed at scientists and staff from universities, research institutes, control bodies, governmental and commercial laboratories.

VENUE

Workshop will be organized at the Department of Food Chemistry and Analysis of the Institute of Chemical Technology, Technicka 3, Prague, Czech Republic.

LANGUAGE

Workshop will be held in the Czech language.

REGISTRATION

To register please send contact details at e-mail address monika.tomaniova@vscht.cz

Deadline for registration: 16 November, 2010

Registration fee: No fee is charged for this workshop.

ACCOMMODATION

The participants are responsible for making their own travel/accommodation arrangements. Nevertheless, the organisers recommend following hotels/hostels for accommodation:

*Diplomat Hotel *****

Evropská 15, Prague 6, Czech Republic (<http://www.diplomathotel.cz/en/home/>)

*Masarykova kolej ****

Thákurova 1, Prague, Czech Republic (<http://www.hostelprague.cz/prague-cheap-hotel.html>) or contact Mrs. Prihodova at prihodova@suz.cvut.cz, phone no. +420 233 051 237

Other links to find out an accommodation in Prague:

<http://www.pis.cz/en/prague/accommodation>

<http://www.hotelscombined.com/City/Prague.htm>

<http://www.hotelsprague.cz/>

<http://www.guideprague.com/>