



Special Workshop

Sunday 14 June 2009

Recent Developments in the Environmental Chemistry of Per- and Polyfluorinated Compounds (PFCs)

Per- and polyfluorinated compounds (PFCs) have been used in a multitude of industrial applications and consumer products for many decades. In recent years, however, the discovery of the high environmental persistence, bioaccumulative potential and toxic effects of some of the longer chain perfluorinated compounds has caused increasing concern leading to regulatory restrictions of certain of these substances. Responding to these concerns, companies within the fluorochemical industry have phased out some potentially hazardous PFCs, acted to restrict environmental discharges and replaced some of the existing chemistries with more environmentally benign alternatives.

At this one-day workshop (1100-1700), we will explore the state-of-the-art in research on PFCs. There will only be three plenum talks: Prof. Scott Mabury (University of Toronto) will present the latest findings from his group including research into the behavior of new product chemistries, polymer degradation and human exposure. Dr. Robert Buck (DuPont) will give an industry overview of new product chemistries, their properties and behavior. Dr. Urs Berger, Dr. Ian Cousins and Prof. Joe DePierre (all Stockholm University) will give a joint presentation to set the scene for the afternoon group discussions which they will be leading on (i) analytical chemistry and monitoring (ii) sources, fate and exposure and (iii) toxic mechanism and effects. There will be a final plenum to present summaries of the group discussions. Delegates should attend the group session of most interest to them.

We encourage delegates to present posters at the workshop which can be viewed during lunch and an extended afternoon refreshment break. Abstracts should be submitted to the ICCE 2009 conference website before March 15 and registration paid by April 15 if you want them to be included in the ICCE 2009 book of abstracts (some instructions for registration and abstract submission are included on the next page). Lunch and refreshments will be provided at the workshop. All participants of the workshop must register for ICCE 2009 at the ICCE homepage and indicate your intention to attend the workshop by ticking the box on the registration form. The opening social event for the ICCE 2009 conference commences directly after the PFC workshop.

Workshop venue: Aula Magna for registration and plenary presentations (in Hall B) and Geovetenskapens hus for lunch, posters and breakout discussions, both venues are on the main campus and in close proximity to the subway station (Universitetet), Stockholm University, Stockholm, Sweden.

Travel and accommodation

Some good recommendations are given on the ICCE website. It is most convenient to travel on the subway to the campus station "Universitetet".

Arrival at the workshop and setting up posters

On arrival, delegates should collect their ICCE registration package including name badges in Aula Magna where the ICCE will take place. Registration opens at 9 am on Sunday 14th June. When arriving at the registration desk you will also receive a program and abstract for the PFC workshop. The plenary presentations of the PFC workshop will take place in Aula Magna (Hall B), whereas lunch, breakout discussions and poster presentations will take place in the Geovetenskapens hus (100 m away and directly opposite Aula Magna). It would be good to arrive in good time to set up your posters before the plenary starts at 11 am. Otherwise you can quickly set up your posters at the beginning of the lunch break. Materials will be available for setting up posters and your poster number will be indicated in the program/abstract book.

Discussion groups

The discussion groups mentioned on the main page of this announcement will be structured by inviting leading experts to shortly present key issues within each general discussion theme. A program is now available.

Publication

We want to publish the outcomes of the workshop in some form, possibly as a peer reviewed journal article. Further details will be given at the workshop.

Contact

If you have questions about the PFC workshop then contact the workshop secretariat via email: ian.cousins@itm.su.se, urs.berger@itm.su.se or joe@dbb.su.se (Joe DePierre). If you have any questions regarding the ICCE conference then contact Ulrika Örn via email: ulrika@chemsoc.se.