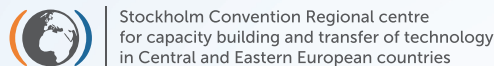
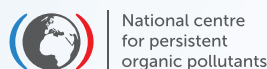




# Research centre for toxic compounds in the environment



Ministry of the Environment  
of the Czech Republic



Registration web page:  
<http://is.muni.cz/obchod/fakulta/sci/>

#### Invited speakers:

[Roland Kallenborn](#)

Norwegian Institute for Air Research (NILU),  
Norway;

[Joan O. Grimalt](#)

Spanish Council for Scientific Research (CSIC),  
Barcelona, Spain;

[Kaj M. Hansen](#)

National Environmental research Institute  
(NERI), Aarhus, Denmark;

[Gerhard Lammel](#)

Max Planck Institute for Chemistry, Mainz,  
Germany.

#### RECETOX lecturers:

[Ivan Holoubek](#), [Luděk Bláha](#), [Jana Klánová](#),

[Jakub Hofman](#), [Zdeněk Šimek](#),

[Klára Hilscherová](#), [Petr Klán](#), [Pavel Čupr](#),

[Alice Dvorská](#), [Karel Brabec](#), [Klára Kubošová](#)

#### For students:

Summer School will be credited

- 4 ECTS credits for theoretical part,
- 4 ECTS credits for practical exercises.

#### More information:

- RECETOX web pages:

<http://www.recetox.muni.cz/7SS>.

- Full registration fee 10 500 CZK  
(i.e. €400) (covering lectures and practical  
exercises, background materials, field trip,  
accommodation, lunches).

- Early bird registration fee is 9 000 CZK  
(i.e. €350).

- Participants cover their travel expenses.

International mobility programmes such as  
ERASMUS can be used – for details contact

[Dr. Petra Růžičková](#) ([ruzickova@recetox.muni.cz](mailto:ruzickova@recetox.muni.cz)).

#### Important dates:

Early bird registration: before 15. 5. 2011

Deadline for registration: 15. 6. 2011

#### First Announcement

Research Centre for Toxic Compounds in the Environment  
(RECETOX), Masaryk University Brno

organizes

## 7<sup>th</sup> Summer School of Environmental Chemistry and Ecotoxicology 2011

Date: 27. 6. – 2. 7. 2011

Venue: RECETOX, Masaryk University,  
Brno, Czech Republic

#### General topic:

##### Contaminants in the environment

- sources, levels, transformations and long-range transport;
- sampling and analytical techniques;
- toxic and ecotoxic effects on biota, biotests and biomonitoring;
- risk assessment, data analysis and modelling including GIS.

#### Special focus of the 7<sup>th</sup> Summer School:

Climate change impacts on the presence of organic pollutants  
in the Arctic and their effects on human health

- long-range transport of pollutants to remote environments  
(high mountain and Arctic);
- deposition and distribution processes in such environments;
- transformation processes in snow and ice;
- influence of climate change on cycling of pollutants;
- bioaccumulation in biota and health effects.

#### Programme structure:

- lectures, workshops, laboratory exercises, computer aided  
seminars;
- field trip to Košetice observatory of the Czech  
Hydrometeorological Institute (participating in the European  
Monitoring and Evaluation Programme, EMEP);
- social events.

#### The Summer School is organized in two groups:

- Group A covering a wide range of general and special topic of  
environmental chemistry, ecotoxicology and risk assessment as  
described above;
- Group B organized in cooperation with the Secretariat  
of the Stockholm Convention and the Czech Ministry of  
Environment as an intensive training course building capacities  
for assessment of persistent organic compounds in the  
environment for the purpose of the Global Monitoring Plan.