



**VUV
TGM**

**23rd and 24th March 2011
Best Western Hotel Grand
Beroun, Czech Republic**

Medial partner



EKOMONITOR



**INSTITUTE OF
CHEMICAL TECHNOLOGY
PRAGUE**

**Organized under supervision
of SETAC
Central & East Europe Branch**



Industrial Ecology II

This conference objective is to promote inter-disciplinary approach to environmental issues. It should provide time for the discussion between experts from industry, private companies, academia, science, NGO, and government. The goal of the meeting is also to promote the young environmental scientists which are especially encouraged to visit the meeting.

Industrial ecology is complex way of thinking which is based on the fact that solution of one problem should not generate another one. The aim of industrial ecology is to minimize negative impacts of human activities on the environment. Development of new environmentally friendly technologies is possible only when cooperation exists between experts in technologies, scientists, environmental managers, policy makers, and economists.

Conference has two parallel sections – Czech section and international section in English which is organised under auspices of SETAC Central & East Europe Branch (www.setac-cee.cz). Its program and organisation guidelines can be found bellow.

Conference Program

23 rd March 2011		
8:00-8:30	Registration of the participants	
8:30	Start of the scientific program	
SECTION SETAC EU Central & East Europe Branch		
Section	Soil environment	
8:30-8:50	Alicja Kicińska , AGH - University of Science and Technology	The application of Taraxacum officinale for monitoring of soil pollution in mountain areas
8:50-9:10	Helena Burešová , ICT Prague	Effects of pesticides on aquatic and terrestrial plants
9:10-9:30	Eva Brutovská , UK Bratislava	Indication of environmental mutagenesis with the use of higher plants specific locus systems
9:30-9:50	Jana Vašíčková , Research centre for toxic compounds in the environment	Application of urban waste on agricultural land
9:50-10:10	Eva Šuteková , Research centre for toxic compounds in the environment	Biomarkers in ecotoxicology of soil invertebrates – Suitable tool in environmental protection?
10:10-10:30	Martin Beníšek , Research centre for toxic compounds in the environment	Cytotoxic, mutagenic and genotoxic effects of sediments from Czech river basin
Section	General topics, technologies and others	
10:30-10:50	Jiří Matoušek , Research centre for toxic compounds in the environment	
10:50-11:10	Agnieszka Klimkowicz-Pawlas , Institute of Soil Science and Plant Cultivation	Effect of coke industry on the ecological state of surrounding land: application of ERA procedure
11:10-11:35	Coffee break	
11:35-11:55	Gabriela Kalčíková , Univesrity of Ljubljana	Evaluation of landfill leachate quality with battery of biotests
11:55-12:15	Milan Sklenář , AHV, s.r.o.	Using of paper sludge created in the paper recyclation process
12:15-12:35	Alicja Kicińska , AGH - University of Science and Technology	The influence of the metallurgy wastes on plants-soils system
12:35-13:35	Lunch	
13:35-13:55	Hana Motejlová , ICT Prague	The application of 1,4-dichlorobenzene as a reference substance in the methodology LCA (Life Cycle Assessment)
13:55-14:15	Jan Hovorka , Institute for Environmental Studies	PM10 and PM1 downslope the coal strip mine: diurnal a seasonal variation
14:15-14:35	Krzysztof Koper , Poznan University of Technology	Correlation between environmental, economical and social aspects in LCM of technical objects

Earth
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14:35-14:55	Grzegorz Kowal , Poznan University of Technology	External Costs of Road Transport - Traffic Congestion
Section	Aquatic environment	
14:55-15:15	Josef K. Fuksa , T. G. Masaryk Water Research Institute	Ecosystem services of rivers: What can we exploit now and what are the risks
15:15-15:35	Hamed Azarbad , Jagiellonian University	Oyster shells as absorbent of heavy metal in Persian Gulf
15:35-15:55	Barbora Jedličková , Research centre for toxic compounds in the environment	Monitoring of Endocrine Disruptors in Czech waste waters and their recipients
15:55-16:15	Coffee break	
16:15-16:35	Adam Jonáš , Research centre for toxic compounds in the environment	Application of the fish embryo toxicity test with a special focus on waste water treatment plant effluents
	Moderated poster section	
16:35-16:40	Martin Bystrianský, ICT Prague	Reverse osmosis use for treatment of wastewater from powerplant ash disposal site
16:40-16:45	Marek Šír, ICT Prague	Monitoring of obsolete pesticides in Armenia
16:45-16:50	Veronika Jállová, Research centre for toxic compounds in the environment	Presence of compounds with endocrine-disruptive potential in waste waters and their elimination during waste water treatment
16:50-16:55	Zuzana Honzajková, ICT Prague	Application of membrane separation technology for tertiary wastewater treatment
16:55-17:00	Gabriela Zakrzewska, Poznań University of Technology	Case study by Environmental analysis of the production process of spray field
17:00-17:05	Gábor Endre Halász, Szent István University	Study of heavy metal mobility of sediment and biofilm samples using sequential extraction procedures
17:05-17:10	Veronika Rippelová, ICT Prague	The development of software using for processing data from the laboratory soil vapor extraction test
17:10-17:15	Pavel Kocurek, ICT Prague	New trends in landfill leachate treatment
17:15-17:20	Svetlana Igorevna Prokhorova, Donetsk Botanic Gardens of National Academy of Sciences of Ukraine	Evaluation of industry effects on environment using the wild grass statistics in Donbass region and Donetsk city
17:20-17:25	Kateřina Bártová, Research centre for toxic compounds in the environment	Binary mixtures of anthropogenic pollutant (PAH or PCB) with cyanobacterial biomass and their in vitro tumour promoting potencies
17:25-17:30	Soňa Jesenská, Research centre for toxic compounds in the environment	Modeling ecotoxicity risks at the river basin scale: integration of the species sensitivity distribution (SSD) concept
17:30-17:35	Jiří Novák, Anita Ěřeková Research centre for toxic compounds in the environment	Seasonal variation of specific biological effects of urban dust samples
17:35-17:40	Jakub Hofman, Research centre for toxic compounds in the environment	Contamination, ecotoxicity, microbial and physico-chemical properties of soils in frequent urban roads surrounding
17:40-17:45	Ilona Waszak, Sea Fisheries Institute in Gdynia	PBDEs in selected fish species and sediment in the Gulf of Gdańsk, Baltic Sea

17:45-17:50	Mgr. Šárka Poláková, Ph.D., ÚKZÚZ	Registry of contaminated sites and quality of agricultural soils after sewage sludge application
17:40	Conclusion of the scientific program of the first day	
19:30-24:00	Social evening with dinner and music	

CONFERENCE OVERALL SCHEDULE			
23 rd March 2011		24 th March 2011	
08:00-08:30	Participants registration	09:00-18:00	Czech and Slovak section
08:30-17:40	English section		
08:30-18:00	Czech and Slovak section		
12:35-13:35	Lunch		
19:30-24:00	Social evening with music		

English section will not be translated to other languages. Other parts of the conference will be held in Czech or Slovak.

Organisation guidelines

- Conference will be held on 23rd – 24th March 2011 in Best Western Hotel Grand, Náměstí Marie Poštové 49, Beroun, CZ-26601, Czech Republic, tel: +420 311 501 501, fax: +420 311 621 144, e-mail: hotel@grandberoun.cz, www.grandberoun.cz. Conference will start with participants registration on 23rd March at 8:00-8:30 a.m. From 8:30, scientific program will start in two parallel sections (Czech and English).



- Please, send filled registration form before 10th March 2011 to VZ Ekomonitor, Pišt'ovy 820, Chrudim, CZ-53701, Czech Republic, fax: +420 469 682 310, e-mail: jana.vesela@ekomonitor.cz.
- Based on sent form, an invoice will be generated and sent to you. After payment, you will receive payment confirmation. Conference fee please pay by bank transfer to account number 19-5234530277/0100 KB Chrudim. Our VAT number: CZ15053695, SWIFT CODE – KOMBCZPP, IBAN – CZ 0801000000195234530277.

It is necessary to pay bank transfer from your side to guarantee that it will not be taken from conference fee.

4. Conference fee

Conference fee	160,- EUR
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5. Catering of the participants will be organised in the hotel Best Western Hotel Grand, lunch, dinner, and social evening price on 23rd March are involved in the conference fee.
6. Conference proceedings will be distributed at registration. The proceedings will contain English and Czech contributions. Price of the proceedings is involved in the conference fee.
7. Organisers cannot organise accommodation for each participants. Participants are kindly asked to book accommodation in available hotels in Beroun. Best Western Hotel Grand (the same hotel where conference is organised) reserves sufficient accommodation capacity for the conference participants until 31st January 2011. Please, book your accommodation in the framework of this reserved capacity before mentioned date and pay according to the hotel instructions. When booking please mention that you are participant of the conference Industrial Ecology II. Prices are: 990,- CZK for single room and 1350,- for double room, including breakfast.

Other accommodation possibilities in Beroun:

- **hotel "Na Ostrově"** (www.naostrove.cz)
 - **hotel VENEDIK** (www.hotelvenedik.cz)
 - **hotel VERONA MEA** (www.veronamea.cz)
 - **hotel ČESKÝ DVŮR** (www.hotelceskydvur.cz)
 - **hotel O.K.1** (www.hotel-ok1.cz)
 - **hotel MAXIM** (www.maxim-hotel.eu)
8. **CANCELLATION: Signing and sending final registration form participants and their institutions confirm organisation guidelines and fee. Cancellation is allowed only by written request and before 10th March 2011 (post stamp must be before that date).**



Social evening will host band Transitus Irregularis (listen & dance) and Kateřina Doležalová with her baroque dancing. Social evening is planned in "Venice Carnival" style. Attendance wearing full-mask or evening dress with face-mask is expected. All masks will be awarded and the best one will win main award.

Any other information available:

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CZ-53701, Czech Republic,
fax: +420 469 682 310,
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An abstract digital artwork featuring a vibrant blue color palette. The composition is dominated by smooth, flowing, wavy lines that create a sense of movement and depth. These lines are overlaid on a subtle grid pattern, which adds a structured element to the otherwise fluid design. The lighting is soft and ethereal, with lighter blue areas appearing to glow against the darker blue background. The overall effect is a modern, artistic representation of light and form.

For the conference **INDUSTRIAL ECOLOGY II**

Fill and send before **10th March 2011** to:

Jana Veselá, VZ Ekomonitor, Pišťovy 820, Chrudim III, CZ-53701, Czech Republic, fax: +420 469 682 310, e-mail: jana.vesela@ekomonitor.cz

Name:	
Institution and its address: (depositor of the fee)	
VAT number:	
Tel:	
E-mail:	
<p>I register for the conference INDUSTRIAL ECOLOGY II and I will pay conference fee 160,- EUR after receiving invoice</p>	
<p>I would like to participate at:</p> <p><input type="checkbox"/> lunch 23rd March</p> <p><input type="checkbox"/> social evening + dinner 23rd March</p>	
<p>Date, stamp, signature</p>	