

Monday August 27th

08:00-09:00	Mounting posters
Biosorption and Bioaccumulation of Heavy Metals	
	<u>Key-note speaker:</u>
09:00-09:40	L. Diels et al.: Biosorption and bioaccumulation: sustainable approach for soils, groundwater and sediments
09:40-10:00	P. Kotrba et al.: Surface engineering of <i>Saccharomyces cerevisiae</i> for enhanced metallosorption
10:00-10:20	P. Lens: Optimization of heavy metal removal from industrial waste waters
10:20-11:00	<i>Coffee break</i>
11:00-11:20	V. Prigione et al.: Chromium biosorption from tanning wastewater by fungal biomasses
11:20-11:40	G. Sanchez Galvan et al.: Removal, compartmentalization and bioconcentration of lead in lagoons with <i>Salvinia minima</i> operated batch regime
11:40-12:00	S. Kekec et al.: Removal of nitrogen, phosphorus, and heavy metal uptake from solid waste landfill leachate using the phytoremediation technique
12:00-13:00	<i>Lunch</i>
Biodegradation of Persistent Compounds	
	<u>Key-note speaker:</u>
13:00-13:40	A.C. Singer: Applying our understanding of systems and chemical ecology to bioremediation
13:40-14:00	K. Dercova et al.: Isolation of PCB degrading microorganisms from contaminated sediments
14:00-14:25	F. Fava: PCB reductive dehalogenation in sediments of VENICE lagoon: preliminary characterization of dechlorinating microflora
14:25-14:45	V. Mateju: Bioimmobilization and biostabilization (<i>working title</i>)
14:45-15:00	E. Brennan et al.: Mutation of conserved amino-acids in BphK ^{LB400} , a bacterial GST, on enzyme activity
15:00-15:30	<i>Coffee break</i>
	<u>Key-note speaker:</u>
15:30-16:10	D. Pieper et al.: Catabolic gene diversity for aromatic degradation in polluted environments
16:10-16:35	D.D. Reible et al.: Bioavailability and biodegradation of aromatic compounds in sediments
16:35-16:55	T. Cajthaml: Estimation of bioavailability of hydrophobic organic pollutants in soil
16:55-17:15	V. Brenner: Alternative approaches to remediation of POPs
17:15-17:30	K. Francova et al.: Metabolic products of PCB degradation and their fate in plant and bacterial cells

Tuesday August 28th

Phytoremediation and Rhizoremediation

09:00-09:40	Key-note speaker: J.P. Schwitzguebel: Pesticides removal using plants: Phytodegradation versus phytostimulation
09:40-10:00	N. Kalogerakis et al.: Phytoexcretion: a novel approach for the phytoremediation of contaminated soils with heavy metals
10:00-10:20	M. Mackova et al.: Potential plant and microbial contribution to cycling of PCB and chlorobenzoates in the environment
10:20-11:00	<i>Coffee Break</i>
11:00-11:40	Key-note speaker: D. Dowling et al.: Exploiting plant associated bacteria to improve phytoremediation
11:40-12:00	E.J. Olguin et al.: Potential of phytoremediation of <i>Pontederia cordata</i> for the removal of organic matter
12:00-13:00	<i>Lunch</i>
13:00-13:40	Key-note speaker: N.C. Bruce: Biodegradation and phytoremediation of explosives
13:40-14:00	M-B. Leigh: Stable isotope probing for PCB-degrading bacteria and their functional genes in the pine root zone
14:00-14:15	J. Rezek et al.: Plant metabolites of polychlorinated biphenyls in cell cultures of black nightshade <i>Solanum nigrum</i> SNC 90 and tobacco <i>Nicotiana tabacum</i> WSC 38
14:15-14:30	O. Odhiambo: Developing improved phytoremediation and phytoprotection systems
14:30-14:45	A.M. Gomaa: Biodegradation of the nematicide carbofuran by plant growth promoting rhizobacteria in soil cultivated with tomato plants
14:45-16:00	<i>Coffee and posters</i>
16:00-22:00	Afternoon trip to Mělník Castle and wine cellars, dinner (trip and dinner not included in fee)

Wednesday August 29th

Toxicity

09:00-09:40	<u>Key-note speaker:</u> E.Z. Ron et al.: Evaluation of environmental toxicity using biosensors
09:40-10:00	T. Egli et al.: Using flow cytometry to answer basic questions of growth and viability of microbial cells in aquatic ecosystems
10:00-10:20	M. Mandl et al.: Acidophilic bacteria in oxidation of iron sulfides. Is iron toxicity an environmental problem?
10:20-10:40	H. Stiborova et al.: Occurrence and toxicity of polybrominated compounds in sediments and sludges
10:40-12:00	<i>Coffee and posters</i>
12:00-13:00	<i>Lunch</i>
Free afternoon	
19:00	Concert in Bertramka