

Tue 11.10	Foyer				
17:30 - 20:00	<b>Registration &amp; Reception</b>				
Wed 12.10	Hall 1 AB				
8:30 - 8:50	<b>Opening: Matthias Kästner and Guibin Jiang</b>				
Chairs	Matthias Kästner and Rong Ji				
8:50 - 9:30	<b>Holistic approaches to investigate sources, fate and behavior</b> <i>Kevin Jones, UK</i>				
9:30 – 10:10	<b>Airborne particulate matter pollution in urban areas: A chemical mixture perspective</b> <i>Xiangdong Li, HK</i>				
10:10 - 10:30	<i>Coffee break</i>				
10:30 - 11:10	<b>Dermal Contact: An Overlooked Exposure Route of Gaseous Organic Contaminants?</b> <i>Eddie Y. Zeng, CN</i>				
11:10 – 11:50	<b>A New Approach to Exploring Contaminant Bioavailability</b> <i>Jay Gan, US</i>				
11:50 - 12:30	<b>Advances in the Field of Advanced Oxidation Processes for the Treatment of Cyanotoxins, Pharmaceuticals, Pesticides and Other Contaminants of Emerging Concern</b> <i>Dionysios (Dion) D. Dionysiou, US</i>				
12:30 - 13:30	<i>Lunch + posters</i>				
	Hall 1A <b>1 Sources, transport and fate of PTS</b>	Hall 1 B <b>3 Toxicology of PTS</b>	Hall 1 CD <b>4 Analytical and bioanalytical methods</b>	Hall 2 B <b>7 Mitigation and remediation of PTS</b>	Hall 2 A <b>8 Processes and Effects of PTS</b>
Chairs	Minghui Zheng and Daniel Schlenk	Hailin Wang and Alistair Boxall	Thorsten Reemtsma and Philippe Corvini	Dionysios Dionysiou and Katrin Mackenzie	Jay Gan and Rong Ji
13:30 - 14:05	<b>Adverse Outcome Pathways for Developmental Toxicity of Selenium in Fish: Impacts of Climate Change induced Sea-level Rise.</b> <i>Daniel Schlenk, US</i>	<b>Environmental Side Effects of Medication</b> <i>Alistair Boxall, UK</i>	<b>Bacteria feeding on antibiotics – eating the poisonous</b> <i>Philippe Corvini, CH</i>	<b>What Controls Selectivity of Hydroxyl Radicals in Aqueous Phase Oxidation Reactions?</b> <i>Frank-Dieter Kopinke, DE</i>	<b>Long term fate of pesticides in soil and protectiveness of their environmental risk assessment</b> <i>Andreas Schäffer, DE</i>
14:05 - 14:25	Dehalogenation of brominated flame retardants (BFRs) in sediment <i>Trine Eggen, NO</i>	Various effects of nanoparticles on microorganism: implications for pollutant biodegradation <i>Chengdong Zhang, CN</i>	Development of ready to use cryo microEROD assay and quantification by standard addition method <i>Karl-Werner Schramm, DE</i>	Chlordecone: an extensive study of its microbial metabolites <i>Marion Chevallier, FR</i>	Sorption and bound residue formation of TBBPA in soils as affected by soil components and environmental factors <i>Xueyuan Gu, CN</i>
14:25 - 14:45	Polyhalogenated carbazoles in sediments of the upper Great Lakes: natural or anthropogenic? <i>An Li, US</i>	Nanotoxicity to susceptible populations: investigations using mice models <i>Bing Yan, CN</i>	Detection of bound residues of organic contaminants with dissolved organic matter by ultrahigh resolution mass spectrometry <i>Julia Raeke, DE</i>	Biodegradation of atrazine in the environment: from compound-specific isotope analysis to functional gene distribution <i>Kankana Kundu, DE</i>	Fate of metamitron in soil – a detailed insight into its biotransformation pathways and biogenic residues formation <i>Karolina Nowak, DE</i>
14:45 - 15:05	Enrofloxacin Transformation on <i>Shewanella oneidensis</i> MR-1 Reduced Goethite: Mechanism and Pathway <i>Chuanyong Jing, CN</i>	Graphene enhances cellular proliferation through activating EGFR <i>Chunyang Liao, CN</i>	Evaluation of Nano-material Effects on Environmental Pollution by ICP-MS <i>Miao Jing, CN</i>	A high-capacity and photo-regenerable composite material for efficient adsorption and degradation of persistent organic pollutants <i>Dongye Zhao, US</i>	Fate of the <sup>14</sup> C-labelled herbicide metabolite 3,3',4,4'-tetrachloroazobenzene (TCAB) in a sediment/water system and bioaccumulation and metabolism of TCAB in <i>Lumbriculus variegatus</i> <i>Hannah Holzmann, DE</i>
15:05 - 15:25	Formation of non-extractable residues in soils - mechanisms and relevance for environmental risk assessment <i>Anja Miltner, DE</i>	Searching for the Adverse Outcome Pathways of Perfluoroalkyl Substances <i>Lianghong Guo, CN</i>	Trace analysis of gold nanoparticles in environmental waters <i>Bin Hu, CN</i>	Chemical Reduction of Persistent Organic Pollutants Using Sorption-Active Reactive Composite Materials <i>Katrin Mackenzie, DE</i>	Dynamic of the stable isotope label in the Biodegradation of 2,4-D and Glyphosate in soils incubated under different environmental conditions <i>Angelica Muskus, DE</i>
15:25 - 16:00	<i>Coffee + posters</i>				
	Karolina Nowak and Karl Werner Schramm	Xiangdong Li and Xinbin Feng	Damia Barcelo and Lingyan Zhu	Jingwen Chen and Lukas Wick	Anja Miltner and Cheng Gu
16:00 - 16:20	Organochlorine pesticides at high Alpine monitoring stations <i>Karl-Werner Schramm, DE</i>	Altered sensitivity of embryonic stem cells to environmental stimuli by Tet dioxygenases <i>Hailin Wang, CN</i>	LC-Q-TOF screening and Kendrick mass defect analysis for the identification of ozonation by-products <i>Sylvain Merel, CN</i>	Electrokinetic effects on PAH-sorbent interactions <i>Lukas Y. Wick, DE</i>	Fate of TBBPA in a soil in presence of the earthworm <i>Metaphire guillelmi</i> <i>Rong Ji, CN</i>
16:20 - 16:40	Fate of lamotrigine, carbamazepine and its metabolites in soils irrigated with reclaimed wastewater: sorption, mobility and wheat uptake <i>Tamara Polubesova, IL</i>	Metabolomic analysis of zebrafish embryos exposed to β-methylamino-L-alanine (BMAA) by high-resolution magic angle spin (HRMAS) NMR to elucidate possible contributions to neurodegenerative disease <i>Upasana Roy, US</i>	Measurement of Freely Dissolved DDT and Metabolites in Seawater Using Solid-Phase Microextraction with Performance Reference Compounds <i>Kunde Lin, CN</i>	Experimental and theoretical insights into the photochemical decomposition of environmentally persistent perfluorocarboxylic acids <i>Zunyao Wang, CN</i>	Metabolism of Pharmaceuticals in Higher Plants <i>Stacia Dudley, US</i>
16:40 - 17:00	Identification of glyphosate degradation pathways in soil and water-sediment systems – a stable isotope co-labeling approach <i>Karolina Nowak, DE</i>	Assessment of the developmental neurotoxicity of Bisphenol A (BPA) and its substitutes with a mouse embryonic stem cell model <i>Nuoya Yin, CN</i>	Bisphenol S in human urine analyzed on a system of automated sample deconjugation and 2D online SPE LC-ESI-MS/MS with post-column infusion of isopropanol <i>Jianwen She, US</i>	Photocatalytic transformation of acesulfame: transformation products identification and embryotoxicity study <i>Kelvin Leung, CN</i>	Tissue specific accumulation and transformation of triphenyl phosphate (TPHP) in adult zebrafish ( <i>Danio rerio</i> ) <i>Shixiang Gao, CN</i>
17:00 - 17:20	Long-range transport and spatial distribution of organophosphate flame retardants and plasticizers in the marine environment <i>Zhiyong Xie, DE</i>	Exposure of graphene to <i>Limnodrilus hoffmeisteri</i> modifies the graphene and changes its bioaccumulation by other organisms <i>Liang Mao, CN</i>	Chlorinated paraffin fingerprint comparison for identifying the technical formulations in seal oil and indoor dust <i>Bo Yuan, SE</i>	<i>t.b.a.</i>	Metabolism of the biocide triclocarban in the freshwater algae <i>Desmodesmus subspicatus</i> and the impact of multi-walled carbon nanotubes on its toxicity and bioaccumulation <i>Irina Politowski, DE</i>
17:20 - 19:00	<i>Poster Session</i>				
20:00 – 22:30	<i>Conference Dinner, Location: Moritzbastei downtown Leipzig</i>				

Thu 13.10.	Hall 1 AB
8:30 - 9:10	<b>Smart Suspect Screening and Related HRMS Approaches for Detection of Pharmaceuticals and their Transformation Products in Real-World Water samples</b> <i>Damià Barceló Cullerès, ES</i>
Chairs	Yong Cai and Eddy Zeng
9:10 - 9:50	<b>Soil and Plant Contamination - Modelling and Simulation of Processes</b> <i>Stefan Trapp, DK</i>
9:50 - 10:30	<i>Coffee + posters</i>
10:30 – 11:10	<b>The Organic Flame Retardant Story: Knowns and Unknowns</b> <i>Stuart Harrad, UK</i>
11:10 – 11:50	<b>Methylmercury accumulation in rice and health implications</b> <i>Xinbin Feng, CN</i>
11:50 - 12:30	<b>Multi-scale evaluation of remediation technologies for contaminated sites</b> <i>Arata Katayama, JP</i>
12:30 - 13:30	<i>Lunch + posters</i>

	Hall 1A <b>1 cont.</b>	Hall 1B <b>6 Risk assessment of PTS</b>	Hall 1CD <b>2 Emerging PTS of concern</b>	Hall 2 <b>5 Fate and Toxicity Modelling</b>	Hall 2 A <b>8 Processes and Effects of PTS</b>
Chairs	Stuart Harrad and Heidelore Fiedler	Beate Escher and A. Eisenträger	An Li and Andreas Schaeffer	Stefan Trapp and Lucca Nizetto	Zhiqiang Yu and Jong Chen
13:30 - 14:05	<b>POPs concentrations in core matrices of the Stockholm Convention on POPs</b> <i>Heidelore Fiedler, SE</i>	<b>PBT-Substances – Identification and Environmental Risk Management under the EU-REACH Regulation</b> <i>Adolf Eisenträger, DE</i>	<b>Occurrence of methylmercury in rice-base infant cereals and estimation of daily dietary intake of methylmercury for infants</b> <i>Yong Cai, US</i>	<b>Integrating hydrology and biogeochemistry in multimedia fate models to address the future of persistent pollutants in environmental reservoirs</b> <i>Luca Nizzetto, NO</i>	<b>Photochemical transformation of representative methoxylated polybrominated diphenyl ethers and novel brominated flame retardants</b> <i>Jingwen Chen, CN</i>
14:05 - 14:25	Air-pasture exchange of organochlorine pesticides in NamCo, central Tibetan Plateau <i>Chuanfei Wang, CN</i>	Comparison of three In vitro tests to Study the bioaccessible trace metals in Llp cosmetics <i>Yujie Feng, CN</i>	Uptake of the organophosphate flame retardants TCEP and TBEP by juvenile salmon and formation of TBEP metabolites <i>Monika Moeder, DE</i>	Can we predict the formation of Non-Extractable Residues (NER) in soil? A story of modelling <i>Ralph Kühne, DE</i>	Isomer-specific partitioning of perfluoroalkyl substances in blood matrices <i>Lingyan Zhu, CN</i>
	Mechanisms of Pyrethroid Degradation on Urban Surfaces and the Occurrence of Degradation Products in Urban Waterways <i>Jaben Richards, US</i>	Assessment of the Persistency under the Biocidal Products Legislation <i>Myriel Cooper, DE</i>	Isolation of novel bacterial strains degrading ritalinic acid and piracetam <i>Danuta Cichocka, CH</i>	Experimental and theoretical evidences for diastereomer- and enantiomer-specific accumulation and biotransformation of HBCD in maize <i>Shuzhen Zhang, CN</i>	Distribution of polychlorinated biphenyls in atmospheric particulate matter during haze days in Beijing, China <i>Qingqing Zhu, CN</i>
14:45 - 15:05	Laccase-mediated triclosan conversion: Metabolite formation and influence on antibacterial activity <i>Elham Jahangiri, DE</i>	Receptor-mediated effects concentration (EC) and internal concentration (IEC) of Tetrabromobisphenol A on development of Zebrafish embryo <i>Hongling Liu, CN</i>	Isomeric compositions, and temporal changes of 1,2,5,6,9,10-hexabromocyclododecane (HBCD) and 1,2-dibromo-4-(1,2-dibromoethyl)cyclohexane (DBE-DBCH) in marine mammals from the South China Sea <i>Yuefei Ruan, HK</i>	In silico investigation of biological activities and physicochemical properties of PBDEs metabolites <i>Haiying Yu, CN</i>	Elucidating the fate of persistent toxic substances in the Bavarian Alps: from atmosphere to biota <i>Korbinian Freier, DE</i>
15:05 - 15:25	Effects of halide ions on photodegradation of sulfonamide antibiotics: Formation of halogenated intermediates <i>Xianliang Qiao, CN</i>	Bioaccessibility assessment of metals in soil from an e-waste recycling site in Lagos state, Nigeria: Using simulated lung fluid for human health risk assessment <i>Khadijah Isimekhai, GB</i>	Chemicals parental exposure causing transgenerational effects on offspring in zebrafish <i>Bingsheng Zhou, CN</i>	The Biotransformation-mediated Potential Toxicities of Typical Contaminants of Emerging Concern <i>Shulin Zhuang, CN</i>	Linkage of pollutant toxicology to human health risk on the context of metabolism effect: some preliminary hints <i>Heqing Shen, CN</i>
15:25 - 16:00	<i>Coffee + posters</i>				
Chairs	Arrata Katayama and Lianghong Guo	Kunde Lin and Anett Georgi		Jochen Müller and Bin Zhao	Chuanyong Jing and Aijun Miao
16:00 - 16:20	Pumpkin plant Mediated Interconversion between Tetrabromobisphenol A and Dimethyl Tetrabromobisphenol A <i>Jiyan Liu, CN</i>	Rapid Destruction of Tetrabromobisphenol A by Iron(III)-Tetraamidomacrocyclic Ligand/Layered Double Hydroxide Composite <i>Cheng Gu, CN</i>		Genotoxicity of perfluorooctane sulfonic acid in transgenic mice <i>An Xu, CN</i>	Compositions and structures of organic matter investigated by advanced nuclear magnetic resonance techniques <i>Yang Ran, CN</i>
16:20 - 16:40	Mass balance of organic contaminants at a large basin scale: case of the Seine River basin (FRANCE) <i>David Gateuille, FR</i>	Prevention of chlorinated aromatic compounds by nitrogen and sulphur inhibitors in iron ore sintering process <i>Yifei Sun, CN</i>		Screening of environmental endocrine disrupting compounds using H295R cell line <i>Xiaoxi Yang, CN</i>	An update investigation and environmental risks of PCDD/Fs and other U-POPs in chlorobenzenes production process <i>Zhiyuan Ren, CN</i>
16:40 - 17:00	Occurrence and vertical trends of perfluoroalkyl substances (PFASs) in sediment cores of Tokyo Bay, Japan <i>Xin Li, HK</i>	Accelerated Fenton-like degradation of organic contaminants in water – an Fe-Pd-multicatalysis approach <i>Anett Georgi, DE</i>		Endocrine-Disrupting Effects of Pesticides <i>Jing Liu, CN</i>	Risk assessment of PCPs in China <i>Ying Wang, CN</i>
17:00 - 17:20	Higher brominated PBDEs and their hydroxylated metabolites (OH-PBDEs) in pooled human serum in Guangzhou, southern China <i>Zhiqiang Yu, CN</i>	Aqueous solubility and chemical reductive remediation of hexachloroethane and hexachlorobutadiene <i>Romain Rodrigues, FR</i>		Uptake and Subcellular Distribution of Triclosan in Typical Hydrophytes <i>Haiyan Wang, CN</i>	Research on the characteristics of dioxin emission in the smelting process of low grade copper scrap <i>Guanglong Wu, CN</i>
17:20 - 18:30	<i>Closing session and awards</i>				

Fri 14.10.	<b>Excursion to Dresden &amp; Saxon Switzerland</b>
noon	Departure from Leipziger KUBUS, 12:30 departure from Leipzig Central Station
Sun 16.10.	
12:30	Arrival at Leipzig Airport, 13:00 arrival at Leipzig Central Station