

Presentation schedule

Thursday 07/02/2019 - Auditorium E2

Microplastics & Nanomaterials			
09:00-09:20	01	48289	<i>Bettie Cormier</i> , Toxicological effects in different stages of zebrafish after direct and trophic exposures to microplastics collected from two Guadeloupe beaches
09:20-09:40	02	48175	<i>Lisa Hanslik</i> , Microplastic - a vector for anthropogenic contaminants in freshwater ecosystems?
09:40-10:00	03	48292	<i>Theresa Piana</i> , Ingestion of irregularly shaped microplastics by the freshwater oligochaete <i>Lumbriculus variegatus</i>
10:00-10:20	04	48291	<i>Katie Reilly</i> , Plastic conditioning and the effect on chemical toxicity in <i>Daphnia magna</i>
10:20-10:40	05	48143	<i>Theresa Schell</i> , Assessing relevant microplastic sources for freshwater ecosystems in semi-arid areas

Microplastics & Nanomaterials			
11:10-11:30	06	48301	<i>Sven Seidensticker</i> , Microplastic as pollutant vector: Influence of non-linear sorption and coupled mass transfer
11:30-11:50	07	48317	<i>Tatiana Kuznetsova</i> , Functionalization of magnetite nanoparticles with alkoxy silanes and humics: Electrokinetic and ecotoxicological measurements
Terrestrial Ecotoxicology			
11:50-12:10	08	48165	<i>Ruoyu Hu</i> , Mobility and transfer of rare earth elements from soil to plants by arbuscular mycorrhizal fungi
12:10-12:30	09	48048	<i>Claudia Lima</i> , Toxicity of imidacloprid to five different species of soil invertebrates
12:30-12:50	10	48115	<i>Jaya Sravanthi Mokkaapati</i> , Do we use plant protection products correctly? Effect of agrochemicals on adult solitary bee, <i>Osmia bicornis</i>

Terrestrial Ecotoxicology			
14:00-14:20	11	48249	<i>Fátima Santos</i> , Quantification of concentration and time resolved effects, towards an Adverse Outcome Pathway: Toxicokinetics in <i>Enchytraeus crypticus</i>
Aquatic Ecotoxicology I			
14:20-14:40	12	48313	<i>Elena Adams</i> , Acute and chronic toxicity of environmentally relevant pesticide concentrations to early developmental stages of European Anura
14:40-15:00	13	48321	<i>Johannes Becker</i> , Compared investigation of chronic effects of carbamazepine and cyprodinil on Daphniidae
15:00-15:20	14	48299	<i>Apolline Chabenat</i> , Do antidepressants impair colour change and camouflage in two juvenile marine invertebrates, <i>Sepia officinalis</i> and <i>Carcinus maenas</i>
15:20-15:40	15	48384	<i>Vyshal Delahaut</i> , Mercury transfer through the food chain of the three-spined stickleback (<i>Gasterosteus aculeatus</i>)

Presentation schedule

Thursday 07/02/2019 - Auditorium E4

Environmental Science and Climate Change			
09:00-09:20	16	48302	<i>Vienna Delnat</i> , Daily temperature variation shapes how a pesticide increases mortality and decreases heat tolerance: contrasting effects between larvae and adults in a semi-aquatic insect
09:20-09:40	17	48269	<i>Tamara Djerdj</i> , Application of low-cost CO2 sensor systems as a tool for continuous uptake/emission measurements in Lemna toxicity tests
09:40-10:00	18	48142	<i>Ana Belén González</i> , Climate change evaluation: Effects of Benzophenone-3 and temperature on gene expression and enzymatic activity of the aquatic organism <i>Chironomus riparius</i>
10:00-10:20	19	48343	<i>Rada Reshetnikova</i> , To the question about the evolution of the Crimea landscapes in the Holocene (on the example of the Cape Martian soils)
10:20-10:40	20	48303	<i>Julie Verheyen</i> , Current and future daily temperature fluctuations make a pesticide more toxic: Contrasting effects on life history and physiology

Environmental Engineering and Sustainability			
11:10-11:30	21	48174	<i>Maresa Bussa</i> , Prospective LCA of a biorefinery concept for the production of pharmaceuticals and bioplastics
11:30-11:50	22	48273	<i>Samuel Frutos-Puerto</i> , Voltammetric determination of Cd(II) and Pb(II) on nafion-protected sputtered-bismuth screen-printed electrodes: Applicability to ambient water samples
11:50-12:10	23	48316	<i>Chukwuka Ogbonna</i> , Biodigestion of fresh cassava waste water: Maximizing resources from wastes, reducing Green House Gas emission, need for environmental sustainability
12:10-12:30	24	48234	<i>Ana Ramos</i> , Biomass as precursor for biofuels: predicting syngas applications according to quality indices
Risk Assessment and Regulation			
12:30-12:50	25	48211	<i>Vincent Baillard</i> , SSD models used for assessing interspecific competition impact on organisms' tolerance against chemical stress

Risk Assessment and Regulation			
14:00-14:20	26	48322	<i>Maria D'Andrea</i> , Framework for pesticide risk assessment in the Pampa region, Argentina
14:20-14:40	27	48235	<i>Andrea Gredelj</i> , Ecosystem modelling as a perspective tool for the ecological risk assessment of emerging contaminants: A study based on the river Po, Italy
14:40-15:00	28	48222	<i>Hue Nguyen</i> , Poly-/perfluoroalkyl substances in wastewater treatment plants across Australia: Distribution, mass load and environmental risks
15:00-15:20	29	48341	<i>Franklin Odili</i> , Toxicological assessments of borehole water samples from three industrial areas in Lagos State, Nigeria
15:20-15:40	30	48337	<i>Johannes Raths</i> , Bioconcentration and metabolism of laurate in the freshwater amphipod <i>Hyalella azteca</i>

Presentation schedule

Saturday 09/02/2019 – Auditorium E2

Aquatic Ecotoxicology II			
09:00-09:20	31	48324	<i>Tomas Makaras</i> , Behavioral and biochemical responses of rainbow trout juveniles and European perch exposed to sublethal concentrations of complex metal mixture: comparison analysis between response endpoints
09:20-09:40	32	48368	<i>Anne-Katrin Mueller</i> , Effects of endocrine disruptors in sediments of the river Luppe assessed by biomarker and histopathological analysis of freshwater fish
09:40-10:00	33	48237	<i>Norina Pagano</i> , Tapping as a vibrational stimulus to investigate behavioral alterations in zebrafish embryos (<i>Danio rerio</i>)
10:00-10:20	34	48187	<i>Robert Rämö</i> , Adverse biological effects of activated carbon dependent on particle size and test organism
10:20-10:40	35	48253	<i>Markus Schmitz</i> , Impact of endocrine disruptors from sediment during a simulated flood like event on rainbow trout (<i>Oncorhynchus mykiss</i>)

Aquatic Ecotoxicology II			
11:10-11:30	36	48308	<i>Aliaksandra Shuliakevich</i> , Distribution of (anti-)androgenic potential in the river wurm by Aachen (North Rhine-Westphalia, Germany)
11:30-11:50	37	48183	<i>Esther Smollich</i> , Sublethal effects of chronic exposure to 2,4,6-tribromophenol and other degradation products of brominated flame retardants in a synthetic mixture in <i>Daphnia magna</i> and <i>Caenorhabditis elegans</i>
11:50-12:10	38	48336	<i>Alexandra Steele</i> , Is shyness strength? Dynamic exposure affects personalities exhibited by aquatic organisms in predator-prey interactions
12:10-12:30	39	48052	<i>Maita Subba</i> , Assessing effects of heavy metals on freshwater mudsnail <i>Potamopyrgus antipodarum</i> : A laboratory study
12:30-12:50	40	48263	<i>Qinghuq Zhao</i> , The effect of pesticides on target communities depends on multi-trophic diversity

Effect and Exposure Modelling			
14:00-14:20	41	48106	<i>Supta Das</i> , Towards improved modeling of pesticide volatilization: using measured soil-air partition coefficients of commercial formulation in a pesticide volatilization model
14:20-14:40	42	48333	<i>Annika Mangold-Döring</i> , A novel multi-species physiologically-based toxicokinetic modelling approach in support of environmental risk assessment of chemicals
14:40-15:00	43	48338	<i>Kim Rakel</i> , Bridging the gap across species by the means of TK-TD modelling
15:00-15:20	44	48116	<i>Sanne van den Berg</i> , The combined potential of species-traits and mechanistic effect models
15:20-15:40	45	48277	<i>Kristi Weighman</i> , Mapping dynamic exposure in artificial stream systems

Presentation schedule

Saturday 09/02/2019 – Auditorium E4

Environmental Analytical Chemistry			
09:00-09:20	46	48246	<i>Selena Carretero Peña</i> , An exploratory study of smartphone-based digital image analysis for the measurement of atmospheric particulate matter levels
09:20-09:40	47	48265	<i>Maria Cerrato-Alvarez</i> , Applicability of images captured by a smartphone as digital signal source for monitoring of tropospheric ozone
09:40-10:00	48	48230	<i>Gisela Horlitz</i> , A retrospective analysis of organic micropollutants in sediment cores from a wastewater impacted recipient
10:00-10:20	49	48140	<i>Rachel Mackie</i> , Trends in nicotine consumption between 2010 and 2017 in an Australian city using the wastewaterbased epidemiology approach
10:20-10:40	50	48071	<i>Susana Méndez</i> , Accumulation of metals (Cd, Cr, Cu, Mn, Pb, Ni, Zn) and total mercury (THg) in sediments, macroalgae and sponge of a coral reef, Caribbean coast of Costa Rica

Environmental Analytical Chemistry			
11:10-11:30	51	48434	<i>Ruchika Sah</i> , The heavy metal trails of River Ganga from Himalayas to Bay of Bengal: Anthropogenic or natural?
11:30-11:50	52	48318	<i>Kyra Spaan</i> , Mass balance of per- and polyfluoroalkyl substances (PFASs) and extractable organofluorine in marine mammals

Molecular and Genetic Ecotoxicology and Omics			
11:50-12:10	53	48154	<i>Melanie Blanc</i> , Immediate and long-lasting effects of environmental chemicals in the Zebrafish liver (ZF-L) cell line and subsequent unexposed passages
12:10-12:30	54	48131	<i>Inmaculada Fuertes</i> , Effects of neuro-active pharmaceuticals on transcriptomic and lipidomic <i>Daphnia magna</i> responses
12:30-12:50	55	48130	<i>Marta Jaskulak</i> , Effects of sewage sludge application on metal accumulation, DNA damage, biomass and expression of metallothioneins in <i>Sinapis alba</i> during assisted phytoremediation of degraded soils

Molecular and Genetic Ecotoxicology and Omics			
14:00-14:20	56	48095	<i>Sebastian Lungu</i> , Development of an oxidative stress in vitro assay in zebrafish (<i>Danio rerio</i>) cell lines
14:20-14:40	57	48172	<i>Rubén Francisco Martínez López</i> , Developmental fluoxetine exposure in zebrafish reduces offspring basal cortisol concentration via life stage-dependent maternal transmission
14:40-15:00	58	48342	<i>Catarina Moreira</i> , In vitro evaluation of potential oestrogenic compounds on oestrogen receptors of European sea bass, <i>Dicentrarchus labrax</i> (L.)
15:00-15:20	59	48305	<i>Janina Pažusien</i> , Environmental genotoxicity and risk assessment in herring (<i>Clupea harengus</i>) caught in the Bornholm and Gotland Basins from the Baltic Sea (2009-2017)
15:20-15:40	60	48261	<i>Albert Serra-Compte</i> , Elucidation of anti-inflammatories and nutritional limitation effects in freshwater invertebrates through a targeted and non-targeted metabolomics approach