

MONDAY 11 September				
Time	Topic	Presentation Number	Presentation Title	Original Abstract ID
Morning Breakout Sessions				
10:30 - 12:10 S.Van Leeuwen & Y.Yao	Per and polyfluorinated substances (PFAS): Occurrence and exposure	MON-AM-A1	Occurrence of PFAS in the Belgian Food Chain	422
		MON-AM-A2	Analysis of Per- and Polyfluorinated Compounds at Low ppt-level in Fruits and Vegetables	54
		MON-AM-A3	PFAS and first-time EU maximum levels in food: (non)practical applicability for the food business by an analytical service provider	392
		MON-AM-A4	Levels and spatial profile of perfluoroalkyl substances in edible parts of shrimp products from coastal areas of Japan and neighboring countries	384
		MON-AM-A5	Predictability of perfluoroalkylated substances (pfas) in homegrown eggs using local environmental and biotic variables	316
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		MON-AM-B4	Dioxin Air Emission Inventory and Monitoring in Taiwan	27
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		MON-AM-C3	Occurrences of PCNs in ambient air of Polychlorinated Naphthalenes in Ho Chi Minh City, Vietnam	121
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		MON-AM-C5	Combustion of High-calorific Industrial Waste in South Asian Brick Kilns: An Emerging Source of PFAS Emissions to the Agricultural Soils	195
10:30 - 12:10 W.Tirler & G.Eppe	Progress in Methods for POPs Analysis	MON-AM-D1	Regulated PFAS in Drinking Water and Food According to New EU Regulations – A Streamlined Sample Preparation	63
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		MON-AM-D3	Overview of PFAS Testing Methods, Tips & Tricks	357
		MON-AM-D4	Synthesis, purification, and structural characterization of linear isomers of native and deuterium-labelled perfluorooctane sulfonamido derivatives	224
		MON-AM-D5	Analysis of Ultrashort-Chain and Short-Chain (C1 to C4) Per- and Polyfluorinated Substances in Potable and Non-Potable Waters	454
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		MON-AM-E3	Elevated levels of dioxins, PCBs and PFASs in wild cows grazing in flood plains of large rivers in the Netherlands	358
		MON-AM-E4	Combining Quantification of Suckling Cow Exposure and PBTK Modelling for Risk Assessment of Beef Meat Contamination with dioxin-like PCBs	95
Afternoon Breakout Sessions I				
13:30 - 15:10 S. Van Leeuwen & Y.Fujii	Per and polyfluorinated substances (PFAS): Occurrence and exposure	MON-PM1-A1	Distribution of per- and polyfluoroalkyl substances in fish organs from Michigan	243
		MON-PM1-A2	Experimental Study to determine a Transfer of PFAS in Beeswax and from Beeswax to honey	186
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		MON-PM1-A4	Sorption mechanisms and efficiency for a series of PFAS and PFAS precursors by different activated carbon sorbents	267
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15:40 - 17:00 E.Schymanski & B.Le Bizec	Screening and identification of novel contaminants	MON-PM2-B1	Identification of synthetic antioxidants and insights into their metabolism	115
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		MON-PM2-B3	Assessment of the toxic potency and mutagenicity of soils from waste dumping sites in Wallonia, Belgium	208
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15:40 - 17:00 G.Eppe & G.Hunt	Progress in Methods for POPs Analysis	MON-PM2-D1	Non-targeted analysis of environmental samples using enhanced chromatography with high-resolution time-of-flight mass spectrometry	393
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		MON-PM2-D4	Comparative Analysis of Nitrogen Carrier to Helium for APCI Gas Chromatography in Food Matrices	424
15:40 - 16:40 JH.Yang & A.Covaci	Toxicology and PBTK	MON-PM2-E1	In vitro hepatic metabolism of polychlorinated biphenyls with different chlorine-substituted structures in rats and humans: kinetics, metabolism, and potential nuclear receptor affinities	60
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TUESDAY 12 September				
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Morning Breakout Sessions				
10:00 - 11:40 S.Voorspoels & D.Herzke	Per and polyfluorinated substances (PFAS): Occurrence and exposure	TUE-AM-A1	Analysis of Per- and Polyfluoroalkyl substances in Edible Fish tissue using Enhanced matrix removal lipid extraction and LC/MS/MS detection	69
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		TUE-AM-A3	New Reference Materials for PFAS	43
		TUE-AM-A4	Automated Solid Phase Extraction of 40 native PFAS Compounds in Wastewater Using Vacuum and Positive Pressure	236
		TUE-AM-A6	To see, or not to see: the direct total oxidizable precursor assay as a tool to identify PFAS hotspots in German rivers	67
10:00 - 11:40 J.He & S.Lomnicki	Advances in the (bio)remediation of POPs	TUE-AM-B2	Application of biofilm-based inoculum delivery system for organohalide respiration of polychlorinated biphenyls (PCBs) in sediments	251
		TUE-AM-B3	Dehalogenation of hexachlorocyclohexane isomers by iron and iron sulfide micro and nanoparticles. Study of reaction mechanisms with stable carbon isotopes and pH variations	269
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		TUE-AM-B6	Soil-Washing Technologies in Conjunction with UV-catalyzed Photodegradation of Aroclor Contamination: A Solvent Capture Approach	397
10:00 - 12:00 G. Schoeters & P.Brambilla	Human Exposure	TUE-AM-C1	Characterizing and risk assessment of human exposure to Organophosphorus Flame Retardants: Merging exposure markers of multiple pathway and biomonitoring data	35
		TUE-AM-C2	Current background contamination levels of POPs in the general Walloon population (Belgium)	200
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		TUE-AM-C4	Assessment of e-waste occupational exposure to PCBs and PBDEs using settled dust and silicone wristbands analysis	218
		TUE-AM-C5	Analysis of chlordane and selected organic pollutants in vacuum cleaner dust samples from Fukuoka, Japan	360
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10:00 - 12:00 M.Ricci & A.Fernandes	Fate, Detection and Analysis of Chlorinated Paraffins	TUE-AM-D1	Are Chlorinated Paraffins in Palm Oil an Issue?	22
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		TUE-AM-D3	Short- and Medium-Chain Chlorinated Paraffins in Clothing: Contents and Fate	78
		TUE-AM-D4	Assessment of Silicone Wristbands for Monitoring Personal Exposure to Chlorinated Paraffins (C8-36): a Pilot Study	129
		TUE-AM-D5	Human Exposure to Chlorinated Paraffins: A Norwegian Cohort Study	416
		TUE-AM-D6	CP-Seeker, an Open Access Software Dedicated to the Processing of Data Generated by High Resolution Mass Spectrometry and Focused on Polychlorinated Alkanes and Related Chemicals	189
10:00 - 12:00 K.Das & V.Jaspers	Levels and Trends (Biota)	TUE-AM-E1	Do PFASs and other pollutants threaten shorebirds inhabiting artificial wetlands?	272
		TUE-AM-E2	Time-trend monitoring of POPs and mercury in predatory fish species in Flanders (Belgium): 2015-2023	349
		TUE-AM-E3	Levels and Temporal Trends of PCDD/Fs, PCBs and PFASs in Eel from Inland Waterways in the Netherlands	143
		TUE-AM-E4	Distribution and Concentration Of PCDD/PCDF In Emerita Analoga Collected On The Central Coast Of Chile. South America	418
		TUE-AM-E5	Brominated flame retardants (PBDEs, HBCDs and eBFRs) and perfluoroalkyl substances (PFASs) in mussels collected along the Italian coast	346
		TUE-AM-E6	Macroinvertebrate community responses to PFAS pollution: identification of threshold body burdens	310

Afternoon Breakout Sessions I				
13:30 - 15:10 S.Voorspoels & D.Herzke	Per and polyfluorinated substances (PFAS): Occurrence and exposure	TUE-PM1-A1	Nontarget Identification of novel PFASs in soils from an Oil Refinery in Southwestern China: A combined Approach with TOP Assay	311
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		TUE-PM1-A4	Oxidizable conversion-based assessment of per- and polyfluoroalkyl substances (PFASs) in wastes and their related products	190
		TUE-PM1-A5	Development of a Screening Method for Estimating Emission Potential of PFAS during Two Waste Recycling Processes Using Pyro-GC/MS	401
13:30 - 15:10 G.Poma & C.Pirard	Environmental and human exposure to plasticizers and other consumer product chemicals	TUE-PM1-B1	Bromochloro alkane contaminants in indoor dust; investigation of an emerging contaminant class using custom-built CP-Seeker software	176
		TUE-PM1-B2	PFAS in E-waste	210
		TUE-PM1-B3	High-throughput effect-directed analysis strategy to study thyroid hormone disruptors in WEEE contaminated toy materials	369
		TUE-PM1-B4	Assessment of inhalation exposure to plasticizers and flame retardants in indoor environments	122
		TUE-PM1-B5	Assessing Inhalation Exposure to Plasticizers Suffered by Facemask Wearers	340
13:30 - 15:10 A.Soubry & H.Stapleton	Human Exposure	TUE-PM1-C1	Are municipal waste incinerator emissions associated with polychlorinated dibenzo-dioxins/furans and polychlorinated biphenyls in the human milk of women living nearby? Findings from the Breast milk, Environment, Early-life, and Development (BEED) Study	148
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		TUE-PM1-C4	Serum Levels of Persistent Organic Pollutants in the Flemish Gut Flora Project Cohort	188
		TUE-PM1-C5	Integration of Human Biomonitoring and Wastewater-Based Epidemiology: Advancing Understanding of Exposure Trends in the Population	390
13:30 - 14:50 M.Ricci & A.Fernandes	Fate, Detection and Analysis of Chlorinated Paraffins	TUE-PM1-D1	Towards a broad understanding of chlorinated paraffins response factors via the study of the LC-ESI-HRMS and GC-ECNI-HRMS couplings	292
		TUE-PM1-D2	Alcoholic and Carbonyl Metabolites of Chlorinated Paraffins: from Metabolic Studies to Synthesis of Reference Standards	220
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Afternoon Breakout Sessions II				
15:40 - 17:00 P.Leonards & JH.Yang	Per and polyfluorinated substances (PFAS): Toxicity	TUE-PM2-A1	Potential novel exposure and physiological implications of perfluoroalkyl acids for wild peregrine falcon nestlings.	355
		TUE-PM2-A2	Associations between PFAS concentrations and oxidative status in great tits near a highly contaminated site	378
		TUE-PM2-A3	Bioaccumulation, Tissue Distributions, and Maternal Transfer of Perfluoroalkyl Carboxylates (PFCAs) in Laying Hens	74
		TUE-PM2-A4	In vitro toxicity profiling and relative equivalent potencies (RPF) of a large number of PFAS on a tailored panel of effect- and human-cell based bioassays	145
15:40 - 16:40 G.Poma & C.Pirard	Environmental and human exposure to plasticizers and other consumer product chemicals	TUE-PM2-B1	Biomonitoring of bisphenols and organophosphate flame retardants in Japanese children and association with immune response outcomes: The Hokkaido Study	354
		TUE-PM2-B2	Exposure to endocrine disrupting chemicals from packaged beverages and health implications for consumers	118
		TUE-PM2-B3	Non-targeted Screening of Chemicals Migration from Plastic Food Contact Materials by High Resolution Mass Spectrometry	389
15:40 - 17:00 J.Van Loco & G.Becher	Risk Assessment and Risk Management	TUE-PM2-C1	Re-evaluation of WHO toxic equivalency factors (TEFs) for PCDD/Fs and PCBs	463
		TUE-PM2-C2	EFSA's risk assessments on Brominated Flame Retardants (BFRs): updates of the 2010-2012 Opinions	304
		TUE-PM2-C3	Relative Potency Factors for Risk Assessment of Per- and Polyfluoroalkyl Substance Mixtures	45
		TUE-PM2-C4	Characterisation of the effects of chronic oral exposure to low doses of NDL-PCBs on the metabolism of pigs: contributions of metabolomics to chemical risk assessment	100
15:40 - 16:40 S.Sakai & H.Fiedler	Status and Perspective on Waste Management of POPs	TUE-PM2-D2	Chlorinated value organophosphate esters in Irish waste foams and fabrics: concentrations and evaluation of the impact of a concentration limit	124
		TUE-PM2-D3	Mixed Plastic Waste: Contents of Regulated Flame Retardants and Challenge for Promotion of Recycling	385
		TUE-PM2-D4	An Introduction to and Achievements of the GEF Project: "Improvement of the Environmental Performance of the Foam Sector: Phase out and Management of Hexabromocyclododecane in China"	407

WEDNESDAY 13 September				
Time	Topic	Presentation Number	Presentation Title	Original Abstract ID
10:00 - 12:00 T.Groffen & Y.Yao	Per and polyfluorinated substances (PFAS): Occurrence and exposure	WED-AM-A1	Exploring legacy and emerging PFAS in songbird eggs collected near a fluorochemical factory in Flanders using target analysis, suspect screening and Total Oxidizable Precursor Assay (TOPA)	77
		WED-AM-A2	Perfluoroalkyl acids in shorebird, shellfish, and sediment after total oxidizable precursor assay	161
		WED-AM-A3	Monitoring of Per- and Polyfluoroalkyl Substances (PFAS) in Different Arctic Fox Tissues	92
		WED-AM-A4	Muscle and liver distribution of perfluoroalkyl substances (PFASs) in freshwater species from Lake Trasimeno (central Italy)	359
		WED-AM-A5	Legacy and emerging per- and polyfluoroalkyl substances in a subtropical marine food web: Suspect screening, isomer profile, and identification of analytical interference	372
		WED-AM-A6	Bioaccumulation of per- and polyfluoroalkyl substances (PFASs) in freshwater food-webs of Korea	265
10:00 - 11:40 A.Soubry & C.Pirard	Human Exposure	WED-AM-B1	PCBs, pesticides, and lipids in the mixture analysis of the Anniston Cohort	351
		WED-AM-B2	Development of a strategy for PFAS mixture risk assessment based on human biomonitoring data in the PARC project	48
		WED-AM-B3	Perfluorinated substances and hormone receptor-positive breast cancer	257
		WED-AM-B5	Polychlorinated biphenyl biomonitoring in demolition workers	297
		WED-AM-B6	Polychlorinated naphthalenes in human milk from different countries: A UNEP-coordinated study from 2016 to 2019	298
10:00 - 12:00 K.Das & B.Jimenez	European POPs monitoring	WED-AM-C1	Comparative analysis of persistent organic pollutants in free-ranging grey and harbour seals from Scotland: Influence of habitat, diet, and sex	140
		WED-AM-C2	Brominated flame retardants (PBDEs, HBCDs and eBFRs) and perfluoroalkyl substances (PFASs) in wild animals from central Italy. Are they contamination sentinels?	279
		WED-AM-C3	Developing an indicator for persistent chemicals in Northeast Atlantic marine mammals in the framework of the OSPAR convention	175
		WED-AM-C4	Spatio-Temporal Distribution of Organic Pollutants in Moss Samples from the 2022 German Moss Survey	103
		WED-AM-C5	Investigating the Occurrence and Fate of Pesticides and their Metabolites in the Atmosphere of two European Agricultural Regions	191
		WED-AM-C6	Wet Tissue Certified Reference Materials for monitoring POPs: the JRC Fish Series	81
10:00 - 12:00 S.Yin & J.Stubleski	Progress in Methods for POPs Analysis	WED-AM-D1	A Passive Sampling Method Using Silicone Wristband for Determination of Polycyclic Aromatic Hydrocarbons and Their Halogenated Derivatives	153
		WED-AM-D2	Fingerprinting of CPs and their Olefinic Transformation Products in Electronic Plastics of the Swiss Market	266
		WED-AM-D3	Assessing the AhR-mediated activity of Polycyclic Aromatic Hydrocarbons (PAHs) and their Methylated Derivatives using AhR-CALUX Bioassay	309
		WED-AM-D4	4 in 1 go: Analysis of PCBs, PBDEs, PCDD/Fs and PCNs after one single dedicated sample preparation protocol with extraction, clean-up and concentration	62
		WED-AM-D5	The Automated Sample Preparation System for Polychlorinated Biphenyls Analysis	344
		WED-AM-D6	Simple, Quick & Low Cost 6-position Parallel Channel, High Throughput Semi-Automated - Expandable to Fully Automated - Sample Cleanup for POPs Analysis	234
10:00 - 12:00 C.Sandau & M.Venier	Environmental Forensics	WE-AM-E1	Exploring the effectiveness of PCA, t-SNE, and UMAP for analyzing PCB fingerprints in NHANES 2003-2004 using silhouette scores	106
		WE-AM-E2	Relative PCB Chlorination Patterns of the German Ecosphere – An Assessment to Predominant Technical Mixtures in Environmental Specimen Bank and Air Samples from the German Environment Agency	341
		WE-AM-E3	Mapping Study Using PUF-PAS to Assess Emissions of PCDD/Fs to Air from Iron Ore Pelletizing Facilities in Canada	356
		WE-AM-E4	PFASafe Next Level Analysis Multi-technique approach allowing stakeholders to have a view on a broad range of PFAS compounds in soil, ground water, wastewater, AFFF	327
		WE-AM-E5	GC-HRMS-based suspect and non-target screening of organic micropollutants in groundwater in South Korea: Distribution characteristics and source identification using chemical indicators	87
		WE-AM-E6	Source appointments of polycyclic aromatic hydrocarbons in sediments of a highly industrialized area using compound-specific carbon isotope analysis	168

THURSDAY 14 September				
Time	Topic	Presentation Number	Presentation Title	Original Abstract ID
Morning Breakout Sessions				
10:00 - 12:00 L.Bervoets & J.Stubleski	Per and polyfluorinated substances (PFAS): Occurrence and exposure	THU-AM-A1	Transformation of Aqueous Film-forming Foam related Zwitterionic Polyfluoroalkyl Substances in Aerobic Soils	391
		THU-AM-A2	Per- and Polyfluoroalkyl Substances (PFAS) in Sewage Sludge and Wastewater-based Fertilizers	25
		THU-AM-A3	Suspect and nontarget screening of per- and polyfluoroalkyl substances in wastewater treatment plant influents in the Netherlands	223
		THU-AM-A4	Occurrence of Short-Chain, Polar PFAS in Effluent Samples	233
		THU-AM-A5	Legacy and Emerging Per- and Polyfluoroalkyl Substances (PFAS) along the Western European Coast – Riverine Outflows, Vertical Profiles and Retrospective Screening	40
		THU-AM-A6	Occurrence and spatial distribution of neutral per- and polyfluoroalkyl substances (n-PFASs) in sediments from Lake Shihwa, Korea in 2015 and 2021	47
10:00 - 11:40 K.Fernie & J.De Boer	Legacy and Emerging Flame Retardants	THU-AM-B1	Temporal trends and suspect screening of halogenated flame retardants and their metabolites in blubbers of cetaceans stranded in Hong Kong waters	172
		THU-AM-B2	Investigating the Photolytic Degradation of Novel Monomeric and Polymeric Brominated Flame Retardants: Analytical Characterization, Acute Ecotoxicological Effects and the Influences of Sample Storage	50
		THU-AM-B3	Polybrominated Diphenyl Ethers Disrupt Visual Perception and Correlated Central Nervous Functions of Zebrafish Larvae	46
		THU-AM-B4	Atmospheric Deposition of Hexabromocyclododecane in the Urban Background of Bavaria, Germany	352
		THU-AM-B6	Brominated Flame Retardants in Plastic Products from China, Indonesia, Russia, and the Philippines	396
10:00 - 12:00 H.Fiedler & C.Sandau	Fate and Transport	THU-AM-C1	Long term monitoring of wet and dry atmospheric depositions as a tool for assessing PCDD/F fallout in proximate urban-industrial areas	414
		THU-AM-C2	The Comparison Of Atmospheric Pcdd/Fs, Pcns And PcbS Between Gas-And Coal-Fired Power Plant In Taiwan	295
		THU-AM-C3	Endosulfan, DDT and other organochlorine pesticides in the Atlantic and Middle East Seas atmosphere, surface waters and air-sea gas exchange	281
		THU-AM-C4	Fate of PFAS From Soil to Crop and From Substrate to Insect Larvae: Relevance for the Safety of Circular Food Systems	215
		THU-AM-C5	Integrating compound-specific stable isotope and enantiomer-specific analysis to characterize the isomeric and enantiomeric signatures of hexachlorocyclohexanes (HCHs) in paddy soils	38
		THU-AM-C6	Toxicity And Mutagenic Risk Assessment Of Atmospheric Pm Bound Pahs And Pcdd/Fs In Different	296
10:00 - 12:00 M.Elskens & S.Harrad	POPs and microplastics	THU-AM-D1	Screening of Brominated and Chlorinated Additives in Plastic Pellets	406
		THU-AM-D2	Determination of PCDD/F, PCB and PBDE in different ocean plastic samples collected in Atlantic Ocean	379
		THU-AM-D3	Micro(nano)plastics in the atmosphere of the Atlantic Ocean	366
		THU-AM-D4	Vertical distribution of microplastics in agricultural soil	336
		THU-AM-D5	Analysis of Additives Leaching from Plastics as a Result of Sludge Disintegration	170
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