

Day 1 Thursday 9th June

08:00	Registration
08:30	Welcome
08:40	Keynote (45 min + 5 questions) Prof. Michael Depledge (University Exeter)
09:30	Session Multiple stressors, Routti and Hylland
09:35	Bourgeon, Telomere length in female polar bears: metabolic control or biological effect of contaminant exposure?
09:50	Hansen, Investigating relationships between exposure to organohalogenated contaminants and biomarkers of health in a marine top predator - exploring the toolbox
10:05	Gravelle, Effects of ocean acidification, pyrene and elevated temperature on the arctic copepod <i>Calanus glacialis</i>
10:20	Posters, coffee and fruits - 30min
10:50	Lode, Effect of historic aquaculture activity on copepod sensitivity to combined copper and predation risk exposure
11:05	Sengupta, Interaction of neonicotinoid exposure and temperature on the life-history of the widely distributed Collembola <i>Folsomia quadrioculata</i>
11:20	Kildebo, Effects of clothianidin and its replacement flupyradifurone on bumblebee colony development under ambient temperature
11:35	Session Mixture toxicities, Hansen and Schmid
11:40	Donald, Co-exposure of phenanthrene with the cyp-inducing 3-methylchrysene in early life stage fish
11:55	Goksøyr, Complex mixture and omics responses in Atlantic cod: a time- and dose- response study
12:10	Bjørneset, Establishment of killer whale cell cultures and their transcriptome responses to pollutant exposure
12:25	
13:10	Warm lunch and poster time - 90min
13:55	Session Fate and effects of particles, Herzke and Cormier
14:00	Keynote (45 min + 5 questions) Dr Andy Booth (SINTEF)
14:45	Benjaminsen, Frequency of occurrence of plastic in six seabird species presenting different feeding ecology sampled in Norway and Svalbard
15:00	Kuehr, Impact of Wastewater Treatment Process on the Bioavailability of Nanomaterials and their Metals to benthic Amphipods by dosing isotopically enriched Nanoparticles into a Pilot Wastewater Treatment Plant
15:15	Posters, coffee and sweets - 30 min
15:45	Torp Maaseide, Exploring the microplastic exposure in faecal samples of European shags (<i>Gulosus aristotelis</i>) in central Norway
16:00	Cormier, Environmental microplastics reduce growth and reproduction success in chronic exposure in <i>D. rerio</i> and <i>O. melastigma</i>
16:15	Hägg, Ingestion of Crumb Rubber and Uptake of Associated Contaminants in the Marine Lumpfish (<i>Cyclopterus lumpus</i>)
16:30	Michelangeli, Immunotoxicity of plastic leachates on <i>Mytilus edulis</i> haemocytes
16:45	Leg stretch - 10 min
16:55	Varshney, Polystyrene nanoplastics enhance the toxicological effects of DDE in zebrafish larvae
17:10	Skogsberg, Morphology of tunnelling particles was not affected by geochemical occurrence, although were more elongated and fibrous than natural eroded particles
17:25	Nordam, Modelling the fate of nanoparticles in the marine environment
17:40	Faltynkova, Development of an Autonomous Microplastics Sampler for repeatable and scalable microplastics sampling in surface waters
17:55	Posters and snacks - 45 min
18:40	bus nr 20 every 15 min (18:47 19:02, 19:17, 19:32...) Beer in town!
20:00	Dinner at Clarion The Edge

Day 2 Friday 10th of June

08:30	Session Mechanistically-informed ERA, Tollefsen and Hansen
08:35	Keynote (45 min + 5 questions) Prof. Beate Escher (Helmholtz Centre for Environmental Research)
09:20	Tollefsen, The Source To Outcome Pathway (STOP) – approaching Next Generation Risk Assessment (NGRA)
09:35	Goksøyr, Using fin whale fibroblasts in toxicological studies
09:50	Hylland, Species differences: does it matter?
10:05	Posters, coffee and fruits - 30min
10:35	Arukwe, Neuro-transcriptomics and functional characterization of biological processes in Atlantic cod (<i>Gadus morhua</i>) after exposure to PAHs and PFASs
10:50	McPartland, Novel mechanisms of action for receptor mediated toxicity caused by chemicals in plastic food packaging
11:05	Discussion led by Augustine Arukwe (45 min) - How stupid are scientists
11:50	Warm lunch - 45min
12:35	Session Climate, contaminant fate and food web, Bourgeon and Poste
12:40	Keynote (45 min + 5 questions) Dr Amanda Poste (NIVA)
13:30	Borgå, The influence of global climate change on pollutant accumulation and toxicity in Arctic food webs
13:45	Eulaers, Avian sentinels of the impact of Atlantification on the contaminant state of Kongsfjorden: strengths and pitfalls of a data analytical toolbox
14:00	Gai, Temporal trends of PFAS in relation to climate-related variations in feeding habits and food availability in Svalbard, 1997-2021
14:15	leg stretch - 10 min
14:25	Xie, Ultraviolet radiation modulates ocean acidification responses in the marine diatom <i>Skeletonema pseudocostatum</i>
14:40	Sait, Occurrence of per- and polyfluoroalkyl substances (PFAS) in Norwegian grey seals
14:55	Session Contaminants over lifetime and generations, Olsvik and Nahrgang
15:00	Schmid, Can age and synchronization affect <i>Daphnia magna</i> ecotoxicity testing of substances interfering with endocrine processes?
15:15	Rodriguez Satizabal, Assessing the chronic effects of emamectin benzoate and teflubenzuron on the embryonic development of <i>Amphiura filiformis</i>
15:30	Posters, coffee and sweets - 30 min
16:00	Farkas, Toxicity of gadolinium on early life stages of Atlantic cod (<i>Gadus morhua</i>)
16:15	Erhart, Effects of parental exposure to a crude oil water-soluble fraction on the fertilization success and embryo development in Atlantic cod (<i>Gadus morhua</i>)
16:30	Hurem, Blood biochemistry, histology, and metabolomics in Chernobyl Northern Pike (<i>Esox Lucius</i>)
16:45	Frøyland, PFASs concentrations over the laying sequence in eggs of the common eider (<i>Somateria mollissima</i>) from the Baltic Sea in relation to sex steroid hormones
17:00	Closing - 5 min