



ECORISC Centre for Doctoral Training

SETAC 2024 – Student Schedule



Natural
Environment
Research Council

Monday 6th May 2024

Session	Time	Location	Name	Talk/Poster Title
<u>1.09.P - Invertebrate Species in Ecotoxicology: Challenges and Opportunities in a Global Change Scene</u>	09:30	Poster Areas 1,2 and 3 (FIBES 2)	Angel Ceballos-Ramirez	<u>A High Throughput Adaptation of Standardized Ecotoxicological Exposure Tests in Daphnia magna and Other Invertebrates</u>
			Eleanor Phillips	<u>A geometric framework approach to understand multi-metal toxicity on individual organisms to evaluate relative risks and benefits of pollution and mitigation</u>
			Joseph D'Souza	<u>How can we Better Understand Ecosystem Scale Effects of Neuroactive Chemicals?</u>
<u>3.06.P - Application of Biomonitoring Approaches to Support Surveillance of Chemical Exposure in the Environment</u>	09:30	Poster Areas 1, 2 and 3 (Floor 1 & 3, FIBES 2)	Holly Hulme	<u>Using the Otter and Buzzard as Sentinels for the Assessment of Spatial and Temporal Trends in Synthetic Chemical Pollution between Contiguous Aquatic and Terrestrial Environments</u>
			Imogen Bailes	<u>Legacy and Emerging POPs in a Rare Greenland Shark Stranding</u>
<u>4.08.B - Marine and Coastal Pollution: Detection, Monitoring, Assessment, Regulation, and Management</u>	12:10	Ronda (Floor 1, FIBES 1)	Georgina Savage	<u>Mapping Coastal Chemical Contamination in Different Environmental Matrices Across the Galapagos Archipelago</u>

Tuesday 7th May 2024

<u>2.01.P - Advancing Risk Assessment of Anthropogenic Stressors to Non-Target-Arthropods and Ecosystem Functions in a Changing World</u>	09:30	Poster Areas 1, 2 and 3 (Floor 1 & 3, FIBES 2)	Rachael Haw	<u>The Impacts of Nitrogen Dioxide Exposure on Insect Fitness</u>
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Tuesday 7th May 2024

Session	Time	Location	Name	Talk/Poster Title
<u>3.08 - Chemical Fate in the Soil-Plant System and Evaluation of Related Impacts and Risks</u>	15:15	Bruselas (Floor 3, FIBES 2)	Emily Durant	<u>Positive Impacts of Doxycycline on Mycorrhizal Structure and Function in the Agro-Environment</u>
<u>3.05 - Analytical Developments and Challenges in Detection and Monitoring of the Growing Universe of Per- And Polyfluoroalkyl Substances (PFAS)</u>	16:00	Madrid ABC (FIBES 2, FIBES 2)	Imogen Bailes	<u>Poster Spotlight: PFAS in Sub-Antarctic Seabirds: Evidence for Long-Range Transport and Bioaccumulation of Emerging Contaminants</u>

Wednesday 8th May 2024

<u>6.01.P - Bird and Mammal Risk Assessment: Implementation of New Approaches for the Study of Higher-Level Effects in Wildlife Toxicology</u>	09:30	Poster Areas 1, 2 and 3 (Floor 1 & 3, FIBES 2)	Ciara Sanchez Paredes	<u>Predictive framework for estimating exposure to and risks of Second Generation Anticoagulant Rodenticides (SGARs) for kestrels (Falco tinnunculus)</u>
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Thursday 9th May 2024

<u>1.11.P - New Approach Methodologies (NAMs) – Robust Predictions for Addressing Regulatory Challenges in the Field of Ecotoxicology</u>	09:30	Poster Areas 1,2 and 3 (FIBES 2)	Owen Trimming	<u>Exploiting Single Cell Sequencing to Evaluate the Efficacy of Primary Gill Cell Cultures as Tools for Deriving Pharmaceutical Toxicological Mechanisms</u>
<u>2.02.P - Aquatic and Terrestrial Plant Ecology, Ecotoxicology and Risk Assessment</u>	09:30	Poster Areas 1, 2 and 3 (Floor 1 & 3, FIBES 2)	Isabel Navarro Law	<u>The Influence of Abiotic Factors on the Distribution of Macrophytes in Small Water Bodies in Temperate Ecosystems'</u>
				<u>Using Flow Through Mesocosms to Investigate How Herbicide Exposure Impacts Macrophyte Communities and Long Term Recovery</u>



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Thursday 9th May 024

Session	Time	Location	Name	Talk/Poster Title
<u>3.05.P - Analytical Developments and Challenges in Detection and Monitoring of the Growing Universe of Per- And Polyfluoroalkyl Substances (PFAS)</u>	09:30	Poster Areas 1, 2 and 3 (Floor 1 & 3, FIBES 2)	Rafael Georgiou	<u>Investigating The Extent of Legacy Per- and Polyfluoroalkyl Substances Contamination in English Surface Waters: An Environmental Agency Water Quality Archive Investigation</u>
<u>3.06.P - Application of Biomonitoring Approaches to Support Surveillance of Chemical Exposure in the Environment</u>	09:30	Poster Areas 1, 2 and 3 (Floor 1 & 3, FIBES 2)	Imogen Bailes	<u>PFAS in Sub-Antarctic Seabirds: Evidence for Long-Range Transport and Bioaccumulation of Emerging Contaminants</u>
<u>3.07.P - Beyond Microplastics: Analytics, Environmental Fate and Impacts of (Water-Soluble) Polymers and Biodegradable Polymers</u>	09:30	Poster Areas 1,2 and 3 (FIBES 2)	Eve Tarring	<u>Polyvinylpyrrolidone in aquatic organisms: Development of an aqueous GPC method for water-soluble polymer analysis</u>
				<u>Assessing the biodegradability of water-soluble polymer flocculants and their impact on microbial communities</u>
<u>3.20.P - Pharmaceuticals in the Environment – Risk Assessment, Regulation, and New Insights Into the Science Globally</u>	09:30	Poster Areas 1,2 and 3 (FIBES 2)	Isla Thorpe	<u>Perils of Pet Pollution: Monitoring of Companion Animal Parasiticides in English Surface Waters</u>
			Isla Stubbs	<u>Pharmaceutical pollution in agriculture: Impacts & risks of antidepressants on soil health and crop production</u>
<u>6.07.P - Improving Chemical Regulation Through Robust Science, Data Accessibility, and Interdisciplinary Collaboration</u>	09:30	Poster Areas 1,2 and 3 (FIBES 2)	Lowenna Jones	<u>Evidence on the effects of Flame Retardant substances at ecologically relevant endpoints: A Systematic Map Protocol</u>
			Olasunkanmi Dosunmu	<u>REACHing for solution: case of chemical regulation and regrettable substitution</u>