

Midwest SETAC & Northland SOT 2021 Joint Meeting Agenda

Note that all times are in Central Time

Date	Start	End	Length (min)	Item	Title	Presenter
Thursday, April 29th	9:00 AM CST	11:30 AM CST	150	Short Course	Life Cycle Assessment	Andrea Hicks
	11:30 AM	12:30 PM	60	Career Panel		
	12:30 PM	1:15 PM	45	Lunch Break		
	1:15 PM	1:30 PM	15	Opening Remarks		
	1:30 PM	2:30 PM	60	Keynote	Microplastics and Pulmonary Risk: Environmental Prevalence, Exposure and Mechanisms of Pulmonary Action	Dr. James McGrath, Dr. Eliseo Castillo
	2:30 PM	2:50 PM	20	Platform	Spatially Explicit Life Cycle Assessment of Seafood: Comparison of Local vs. Non-Local Provision in Wisconsin (Midwestern US) as a case study	Rami Ghamkhar
	2:50 PM	3:10 PM	20	Platform	Individual-level Responses of Freshwater Mussel Species with Different Life-History Strategies to Sublethal Stressors in a Dynamic Energy Budget Model	Adrian Parr Moore
	3:10 PM	3:15 PM	5	Poster Short	Sustainable Chemical Use: Assay Development and Identification of Fungicides Compatible with Pollinators	Minh Anh Dang
	3:15 PM	3:20 PM	5	Poster Short	Dependence of culture conditions on growth and reproduction of <i>Pomacea paludosa</i> - a considerable species for aquatic toxicology research	Paul Hitch
	3:20 PM	3:30 PM	10	Break		
	3:30 PM	3:50 PM	20	Platform	Microbial degradation dominantes transformation of 2,4-dichlorophenoxyacetic acid in whole lake treatments	Amber White
	3:50 PM	4:10 PM	20	Platform	Characterization of Exposure and Effect of Stormwater Heavy Metals using Laboratory-Spiked Design: Continuous and Pulsed Exposures	Hanna Karic
	4:10 PM	4:15 PM	5	Poster Short	Microplastic abundance and patterns in three fish species of the Upper Mississippi River System	Courtney Baker
	4:15 PM	4:20 PM	5	Poster Short	Subchronic impacts of 2,4-D herbicide Weedestroy® AM40 on associative learning in juvenile yellow perch (<i>Perca flavescens</i>)	Brian Anton
	4:20 PM	4:30 PM	10	Break		
	4:30 PM	4:50 PM	20	Platform	Adverse effects of chronic exposure to thiamethoxam in zebrafish and fathead minnow	Shayla Michel
	4:50 PM	5:10 PM	20	Platform	Intergenerational Effects of in utero Arsenic Exposure on the Mouse Epigenome and Offspring Disease Phenotypes	Mathia Colwell
	5:10 PM	5:15 PM	5	Poster Short	Acute and Chronic Toxicity of the Neonicotinoid Insecticides Thiamethoxam And Imidacloprid to Select Aquatic Invertebrates	Jacob Lacki
	5:15 PM	5:20 PM	5	Poster Short	Does chronic exposure to mixtures of neonicotinoids cause additive toxicity in fish?	AJ Jeninga
	5:20 PM	5:30 PM	10	Break		
5:30 PM	6:30 PM	60	Poster Social (Zoom)			
6:30 PM	8:00 PM	150	Trivia (Zoom)			
Friday, April 30th	8:30 AM CST	9:30 AM CST	60	Keynote	A vision for the role of bioinformatics to inform species extrapolation for chemical safety	Carlie LaLone
	9:30 AM	9:50 AM	20	Platform	Presence of microplastics in the GI tract of nestling and migratory birds: indication of trophic transfer	Tham Hoang
	9:50 AM	10:10 AM	20	Platform	Field insecticide residues, acute and chronic bioassays on monarch, <i>Danaus plexippus</i> , and painted lady, <i>Vanessa cardui</i> butterflies, and bees	Vera Krischik
	10:10 AM	10:15 AM	5	Poster Short	Influence of particle size and organism age on microplastic consumption by Apple snail (<i>Pomacea paludosa</i>)	Anna Marr
	10:15 AM	10:20 AM	5	Poster Short	Innovating Cleaning Products by Incorporating Sustainable Designs	Magdalena Osorio
	10:20 AM	10:30 AM	10	Break		
	10:30 AM	10:50 AM	20	Platform	Spatial Variations in Ambient Polycyclic Aromatic Hydrocarbon Concentrations in Sediment in a Complex Urban River System	Michael W Kierski
	10:50 AM	11:10 AM	20	Platform	Multi-site machine learning-enhanced source classification of PAH impacted sediments: Environmental forensics applications	Jay Thompson
	11:10 AM	11:15 AM	5	Poster Short	Activation of PPAR γ and inhibition of cell proliferation reduces key proteins associated with the basal subtype of bladder cancer in As3+-transformed UROtsa cells	Aaron Mehus
	11:15 AM	11:20 AM	5	Poster Short	Simple calculation of TD50 values for carcinogen health risk assessment.	John Hutchinson
	11:20 AM	11:30 AM	10	Break		
	11:30 AM	12:30 PM	60	Student Awards & Chapter Business Meeting		



Midwest Chapter
Society of Environmental
Toxicology and Chemistry

