



**Event:** NEIC Environmental Technical Summit Agenda  
**Location:** Denver Federal Center, Building 41, First Floor Conference Room - "Remington Arms"  
**Date & Time:** 5/21/2024 8:00am - 4:30pm (MST)

Early morning coffee connection 8:00am-8:55am @ Building 41 Einstein's Bros Bagels (Floor 1)					
Start	End	Time	Topic	Presenter	Virtual (V) or In Person (IP)
9:00 AM	9:05 AM	0:05	Welcome and Introductions	Laura Scoggins, NETS Committee Chair US EPA-OECA-OCEFT-NEIC-Lab Branch	IP
9:05 AM	9:20 AM	0:15	NEIC Overview	Joe Wilwerding, Acting Deputy Director US EPA-OECA-OCEFT-NEIC	IP
9:20 AM	9:55 AM	0:35	Measuring Ethylene Oxide Using Cavity Ring-Down Spectroscopy	Christopher Appier US EPA-Region 7-ECAD-AB	IP
9:55 AM	10:30 AM	0:35	Microplastics in Urban Watersheds	Phillip Potter US EPA-ORD-CESER-LRTD-IRSB	IP
10:30 AM	10:35 AM	0:05	<b>Break</b>		
10:35 AM	11:10 AM	0:35	Combatting risky business by using the process of risk assessment in enforcement	Kristen Keteles, Ph.D. US EPA-OECA-OCEFT-NEIC	IP
11:10 AM	11:45 AM	0:35	The NEIC Geospatial Measurement of Air Pollution (GMAP) Program: Functionalities, current and future	Phillip Myers, PhD, PE US EPA-OECA-OCEFT-NEIC	IP
11:45 AM	12:50 PM	1:05	<b>Lunch</b>		
12:50 PM	2:00 PM	1:10	EPA's Non-Targeted Analysis WebApp: A web-based software tool for production-level NTA	Alex Chao <sup>1</sup> , Troy M. Ferland <sup>2</sup> , Jon R. Sobus <sup>1</sup> <sup>1</sup> US EPA-ORD-CCTE-CCED-AACMB <sup>2</sup> Oak Ridge Institute for Science & Education	V
2:00 PM	2:35 PM	0:35	iNOSES: intelligent Nature-inspired Olfactory Sensors Engineered to Snif	Anna Shneidman, Ph.D, Research Associate Harvard University, Paulson School of Engineering and Applied Sciences	IP
2:35 PM	3:10 PM	0:35	Site investigations at industrial sources for novel PFAS in water for state, regional, and program office support	Mark Strynar, PhD US EPA-ORD-CEMM	IP
3:10 PM	3:15 PM	0:05	<b>Break</b>		
3:15 PM	4:25 PM	1:10	PFAS determination by LC/MS/MS with direct injection and online SPE: method development, performance, and applications to field studies	James L. Gray USGS Strategic Laboratory Science Branch	IP
4:25 PM	4:30 PM	0:05	Closing Remarks for Day	Bryan Locher, NETS Committee Member US EPA-OECA-OCEFT-NEIC-Lab Branch	IP
<p>After Conference Social 5:00pm - 8:00pm @ Westrail Tap and Grill            Trivia starts at 7:00pm!            195 S. Union Blvd., Lakewood, CO 80228</p>					



**Event:** NEIC Environmental Technical Summit Agenda  
**Location:** Denver Federal Center, Building 41, First Floor Conference Room - "Remington Arms"  
**Date & Time:** 5/22/2024 8:00am - 5:10pm (MST)

**Poster Presentations - 8:00am-8:55am**

*During the early morning coffee connection @ Building 41 Einstein's Bros Bagels (Floor 1)*

Affiliation	Poster Title	Presenter	Virtual (V) or In Person (IP)
US EPA, Office of Research and Development (ORD), Center for Environmental Solutions and Emergency Response (CESER)	Decontamination of Plumbing Pipes Contaminated with Per- and Polyfluoroalkyl Substances (PFAS) from Aqueous Film Forming Foams (AFFF)	Jeffrey Szabo, Ph.D., PE	V (IP - TBD)
U.S. Geological Survey, Laboratory Analytical Services Division, Strategic Laboratory Sciences Branch	Expanding PFAS Analysis Capacity at the U.S. Geological Survey: Bridging the Gap between Known and Unknown PFAS	Juliane Brown, Ph.D.	V, IP
Colorado School of Mines, Chemistry Department, Advisor: Shubham Vyas, Ph.D.	Atmospheric Oxidation of PFAS: A Density Functional Theory Study	Michael R. Dooley, Ph.D. Candidate	V (not in attendance)
Colorado School of Mines, Chemistry Department, Advisor: Shubham Vyas, Ph.D.	Characterization of Perfluoroalkyl Radical Intermediates: Modeling Spin Trapping and Synthetic EPR Spectra	Isaac Spackman	V, IP

Start	End	Time	Topic	Presenter	Virtual (V) or In Person (IP)
9:00 AM	9:05 AM	0:05	Welcome	Laura Scoggins, NETS Committee Chair	IP
9:05 AM	9:40 AM	0:35	Assessing above-ground fuel storage tanks using lower-cost sensor packages and triggered canister samples: a case study in Greensboro, NC	Wyatt Champion, Ph.D. US EPA-ORD-CEMM-AMCD-SFSB	IP
9:40 AM	10:15 AM	0:35	EPA Wildfire Research: Impacts on Air and Water Quality	James Markwiese, Ph.D. US EPA-ORD-CPHEA-PESD	V
10:15 AM	10:20 AM	0:05	<b>Break</b>		
10:20 AM	10:55 AM	0:35	Assessing potential discharges and associated risk from CWA hazardous substance facility releases in managing impacts to drinking water supplies	Fran Kremer, Ph.D., Antony Williams, Ph.D., Jason Lambert, Ph.D., Jace Cuje US EPA-ORD	V
10:55 AM	11:30 AM	0:35	Applying Cheminformatics to Develop a Structure Searchable Database of Analytical Methods	Antony Williams, Ph.D. <sup>1</sup> , Greg Janesch <sup>2</sup> , Erik Carr <sup>3</sup> , Sakuntala Sivasupramaniam <sup>4</sup> , Nancy Baker, Ph.D. <sup>5</sup> <sup>1</sup> US EPA-ORD-CCTE-CCED-CCCB <sup>2</sup> US EPA-ORD-ORM-EMD-CMB <sup>3</sup> US EPA-ORD-CCTE-CCED-CCCB <sup>4</sup> US EPA-NCCT/O • ORD-CCTE-CCED-CCCB <sup>5</sup> US EPA-ORD-CCTE-BCTD	V
11:30 AM	12:05 PM	0:35	Pesticides in Food? Tasty but Deadly.	Dan Myers, Chemist US EPA-OECA-OC-MAMPD-PWTB-GLP Program	IP
12:05 PM	1:05 PM	1:00	<b>Lunch</b>		
1:05 PM	1:40 PM	0:35	Using Drone Technology for Site Assessment, a Case Study	Kathleen Maltby, M.S. & Debby Crouse, Sr. GIS Analyst, FAA Part 107 Pilot Arizona Department of Environmental Quality, Solid Waste Unit	V
1:40 PM	2:50 PM	1:10	"Five Years of e-Manifest: Scaling RCRA Compliance Using Integrated Data Analytics"	William Nicholas US EPA-OLEM-ORCR-PIID	V
2:50 PM	3:25 PM	0:35	Smart Tools for Inspectors	Loren Denton, Ph.D. <sup>1</sup> & Cornell Gayle, PE, Engineer <sup>2</sup> US EPA-OECA-OC-MAMPD Director <sup>1</sup> & CWA NPDES Inspector <sup>2</sup>	IP
3:25 PM	3:30 PM	0:05	<b>Break</b>		
3:30 PM	4:05 PM	0:35	Understanding PFAS Toxicity in Estuarine Environments <i>Additional Authors: Paul Pennington, Ph.D., Pete Key, Ph.D., and Marie DeLorenzo, Ph.D.</i>	Ed Wirth, Ph.D., Phil Tanabe, Ph.D. NOAA/National Ocean Service/National Centers for Coastal Ocean Science, Charleston, SC	V
4:05 PM	4:40 PM	0:35	Thermal Treatment of PFAS-laden Materials	Phillip Potter US EPA-ORD-CESER-LRTD-IRSB	IP
4:40 PM	4:45 PM	0:05	Closing Remarks - Thank you	Megan Weaver, NETS Committee Member US EPA-OECA-OCEFT-NEIC-IPS Branch	IP