

Tues, 10/22/24 - 8 AM -10 AM (Exhibit Hall) - Poster session: 4.05.P-Tu - Bridging the Gap Between the Unknown and the Known for PFAS Analysis

Posters:

- [4.05.P-Tu-131 - Ion Mobility Filtering for Non-Targeted Analysis of PFAS from Environmental Samples Collected at a Ski Resort](#)

Sarah E. Dowd¹, Kari Organtini¹, Marian Twohig¹, Frank Dorman¹, Jenifer Lewis², Naren Meruva³, **Lindsay Hatch**¹ and Jean Carlan⁴, (1)Waters Corporation, (2)Environmental, Waters Corporation, (3)Food, Environment, Cannabis Markets, Waters Corp, (4)Department of Chemistry,, Dartmouth College, Germany

- [4.05.P-Tu-132 - Utilizing Ion Mobility to Enhance Targeted and Non-Targeted Analysis of Per- and Polyfluoroalkyl Substances \(PFAS\) from a Landfill Leachate Sample](#)

Cecile Pinto¹, Sarah E. Dowd², Kari Organtini², Jenifer Lewis³, **Naren Meruva**⁴ and Lindsay Hatch², (1)Waters Corporation, France, (2)Waters Corporation, (3)Environmental, Waters Corporation, (4)Food, Environment, Cannabis Markets, Waters Corp

- [4.05.P-Tu-133 - Submicron IR \(O-PTIR\) <500nm Used for PFAS Detection in MPs](#)

Jay Anderson¹, Mustafa Kansiz² and Eoghan Dillon³, (1)Photothermal Spectroscopy Corp., (2)325 Chapala St, Photothermal Spectroscopy Corp., United States, (3)Applications, Photothermal Spectroscopy Corp.

- [4.05.P-Tu-134 - Forensic Fingerprinting of the Unseen: Revealing the Dark Secrets of PFAS with High-Resolution Ion Mobility](#)

Jennifer Krone¹, Thomas Lubinsky², Alan McKenzie-Coe² and Frederick Strathmann², (1)MOBILion, Chadds Ford, United States, (2)MOBILion Systems

- [4.05.P-Tu-135 - Multivariate Forensic Analysis Enables Aqueous Film-Forming Foam Formulation Attribution by Type, Manufacturer, and Year Using 1H and 19F NMR](#)

Lya Carini¹, Esteban Eustacio Hernandez², Corey De La Cruz², Amergin McDavid², Andre Schaum², Derek Muensterman², Patrick Reardon², Christopher G Heron², Jennifer Field² and Gerrad Jones³, (1)Oregon State University, Corvallis, United States, (2)Oregon State University, (3)Biological and Ecological Engineering, Oregon State University

- [4.05.P-Tu-136 - Assessing Trophic Transfer and Movement Trends of Per- and Polyfluoroalkyl Substances in Aquatic and Terrestrial Food Webs](#)

Heather Parsons¹ and Xiaoyu Xu², (1)University of Georgia, Athens, United States, (2)University of Georgia