



PITTCON 2019

March 17-21 | Philadelphia, PA

Technical Program

We look forward to connecting with you during our technical sessions at Pittcon where we'll highlight our innovative portfolio of solutions and workflows. Be sure to stop by **Booth 2632** to learn more!

Sunday, March 17, 2019

Type	Time	Title	Session	Location
Oral	3:25 PM	<i>Direct Determination of Paraquat, Diquat, and Related Cationic Polar Pesticides in Homogenized Food Samples Using Ion Chromatography and High-Resolution Accurate Mass Spectrometry</i>	120-2	Room 120C
Oral	1:30 PM	<i>Fast and High-Resolution Analysis of Therapeutic Proteins Using a Novel Weak Cation Exchange Stationary Phase</i>	150-1	Room 121C
Oral	1:30 PM	<i>Determination of Bromate in Drinking Water Using Ion Chromatography-Single Quadruple Mass Spectrometry</i>	160-1	Room 123
Oral	2:30 PM	<i>Analysis of Cationic Quaternary Polar Pesticides Using Ion Chromatography coupled with Triple Quad Mass Spectrometry</i>	160-4	Room 123
Oral	1:30 PM	<i>Toward Universal Calibration with Liquid Chromatography: Factors Affecting the Response Uniformity of Charged Aerosol Detection</i>	170-1	Room 124
Oral	2:30 PM	<i>Determination of Aminoglycoside Antibiotics by LCPAD</i>	170-4	Room 124
Oral	4:15 PM	<i>New Suppression Technology for Ion Chromatography</i>	170-8	Room 124

Monday, March 18, 2019

Type	Time	Title	Session	Location
Oral	8:30 AM	<i>Determination of Betadex (β-Cyclodextrin) According to the USP Betadex Sulfobutyl Ether Sodium Monograph</i>	360-1	Room 120C
Oral	10:05 AM	<i>EPA Method Validation of Per-, and Polyfluorinated Compounds Using LC-MS/MS</i>	430-5	Room 124

Tuesday, March 19, 2019

Type	Time	Title	Session	Location
Oral	8:30 AM	<i>Advantages of High Efficiency Solid-Phase Micro Extraction Combined with High-Resolution, Accurate Mass GC-MS for the Analysis of Volatile Leachables from Inhalation Gas Pathways and Liquid Condensates, According to ISO 18562</i>	870-1	Room 125
Live Demo	10:00 AM	<i>Automated Photometric Analysis of Environmental Water, Drinking Water, Detergent, Food and Beverage with Thermo Scientific Gallery Discrete Analyzer</i>	Demo	Demo Zone 1 Booth #3242
Poster	10:00 AM	<i>A New Cost-Effective Headspace Gas Chromatographic System for Quality Control of the Brewing Process</i>	930-6P	Expo Floor Poster Area
Poster	10:00 AM	<i>Orbitrap ID-X Tribrid MS for Pharmaceutical Impurity</i>	940-4P	Expo Floor Poster Area
Poster	10:00 AM	<i>Charged Aerosol Detection: Factors Affecting Uniform Analyte Response</i>	940-11P	Expo Floor Poster Area
Poster	10:00 AM	<i>High-Throughput Comprehensive Coverage of Hydrophilic and Hydrophobic Metabolites in Beer Utilizing a Dual Separation/High Resolution Accurate Mass Spectrometry System</i>	940-16P	Expo Floor Poster Area
Poster	10:00 AM	<i>Fast and Easy Separation of 23 Pain Management Drugs Including High, Stable Resolution of Isobaric Opioids from Human Urine by UHPLC-MS/MS</i>	940-17P	Expo Floor Poster Area
Poster	10:00 AM	<i>Robust Extraction, Separation and Quantitation of Structural Isomer Steroids from Human Plasma by Solid Phase Extraction with Liquid Chromatography and Tandem Mass Spectrometry Detection (LCMS/MS)</i>	940-18P	Expo Floor Poster Area
Poster	10:00 AM	<i>Analysis of Organic Solvents with ICP-OES – A Universal Challenge</i>	980-3P	Expo Floor Poster Area
Poster	10:00 AM	<i>Quality Control of Synthetic Biomolecules Using Rapid Methods with Serial Coupling of UV and MS Detectors</i>	980-5P	Expo Floor Poster Area
Oral	1:30 PM	<i>Qualitative and Quantitative Analysis of Electronic Cigarette Liquids Using Gas Chromatography-Orbitrap Mass Spectrometry</i>	1160-1	Room 121B
Oral	1:50 PM	<i>Oligosaccharides Analysis by High Performance Anion-Exchange Chromatography Using Dual Electrolytic Eluent Generation</i>	1170-2	Room 121C
Oral	3:25 PM	<i>New Hyperbranched Anion Exchange Phases for High pH Separation of Carbohydrates</i>	1170-6	Room 121C
Poster	2:00 PM	<i>Investigation of Key Parameters for a Smooth Method Transfer to a New Optimized Valve and Loop Headspace Autosampler</i>	1230-5P	Expo Floor Poster Area
Poster	2:00 PM	<i>Quantitative Determination of Catechins in Tea Samples Using a Software-Based Automated Method Development Workflow</i>	1240-4P	Expo Floor Poster Area

Tuesday, March 19, 2019 (cont.)

Type	Time	Title	Session	Location
Poster	2:00 PM	<i>Complementary Dual LC as Alternative to Multi Heart-Cut LC for Samples of Medium Complexity Resulting in Improved Precision, Sensitivity and Productivity</i>	1240-5P	Expo Floor Poster Area
Poster	2:00 PM	<i>Strategies for the Transfer of Liquid Chromatographic Methods Between Different Instruments</i>	1240-6P	Expo Floor Poster Area
Poster	2:00 PM	<i>Charged Aerosol Detection and Method Transfer of Compendial, Including USP, Methods</i>	1280-4P	Expo Floor Poster Area

Wednesday, March 20, 2019

Type	Time	Title	Session	Location
Oral	9:30 AM	<i>Fast HPAE-PAD Method for Glycoprotein Monosaccharide Determination</i>	1460-4	Room 121A
Oral	10:25 AM	<i>Enhanced Metabolite Identification Using Orbitrap Tribrid Mass Spectrometer ID-X and AcquireX Feature</i>	1460-6	Room 121A
Oral	9:10 AM	<i>HPAE-PAD Analysis of N-Linked Oligosaccharides from Glycoproteins Using Dual Eluent Generation Cartridge Mode</i>	1470-3	Room 121B
Oral	11:05 AM	<i>Evaluation of Chromatography Fundamentals Applied to Weak Cation Exchange Separation of Proteins Charge Variants</i>	1490-8	Room 122A
Poster	10:00 AM	<i>ICP-OES: The Often Underestimated Workhorse in Trace Elemental Analysis</i>	1550-2P	Expo Floor Poster Area
Poster	10:00 AM	<i>The Fundamentals and Performance Characteristics of Axial and Radial View in ICP-OES Analysis</i>	1550-3P	Expo Floor Poster Area
Poster	10:00 AM	<i>Novel On-Line Multidimensional Low-Flow LCMS Setups for Comprehensive and Fast Proteome Profiling</i>	1560-1P	Expo Floor Poster Area
Poster	10:00 AM	<i>A Multi-Detector Set-Up Comprising of UV/Vis, Charged Aerosol and Single Quadrupole Mass Spectrometric Detection for Comprehensive Quantitative Sample Analysis</i>	1560-13P	Expo Floor Poster Area

Thursday, March 21, 2019

Type	Time	Title	Session	Location
Symp.	8:30 AM	<i>Introductory Remarks - Modernizing the U.S. Pharmacopeia National Formulary</i>	1670	Room 123
Symp.	9:10 AM	<i>The Role of Ion Chromatography in USP Modernization</i>	1670-2	Room 123

Thursday, March 21, 2019

Type	Time	Title	Session	Location
Oral	9:10 AM	<i>Fast Analysis of Haloacetic Acids, Bromate and Dalapon Using Ion Chromatography Coupled with Mass Spectrometry</i>	1740-3	Room 121A
Oral	8:50 AM	<i>High Resolution Separation of Vitamin E Isomers Using C30 HPLC Column</i>	1750-2	Room 121B
Oral	10:45 AM	<i>Validation of an Improved Ion Chromatography Method for the Limit of Choline Test in the USP Succinylcholine Chloride Monograph</i>	1770-3	Room 121B
Live Demo	12:30 PM	<i>XRD: From Powder Diffraction to Advance Applications on a Bench Top</i>	Demo	Demo Zone 2 Booth #3042
Poster	2:00 PM	<i>Accelerating Food Analysis Using Advanced ICP-MS Technology</i>	2130-16P	Expo Floor Poster Area
Poster	2:00 PM	<i>Addressing the Challenges of Residual VOC in Food Packaging by an Advanced HS-GCMS System</i>	2130-17P	Expo Floor Poster Area

Lab Gauntlet

Join us at the Lab Gauntlet I - Booth 3842 for *Dirty Debris Detectives*, a challenge where you'll trace a microplastic back to its origin by running its IR spectrum on a Thermo Scientific™ Nicolet™ iS20 FTIR spectrometer, identifying the material from its spectrum, and tracing its source back to one of three sources of pollution.

The Lab Gauntlet's hours of operation are Tuesday, March 19th – Thursday, March 21st from 10:00 a.m. until 2:00 p.m.

Learn more at thermofisher.com/pittcon

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