

## JEOL Presentations at ASMS 2019

### 5:45 - 7:00 PM MONDAY WORKSHOPS

**10 Solid Phase Microextraction Approaches Applied with Mass Spectrometry Techniques, Presiding: Janusz Pawliszyn A313**

- Talk: **Ambient Ionization and SPME: A Perfect Complement**; Robert B.(Chip) Cody (JEOL USA, Inc.)

### Monday Posters

MP 175 **Screening of Pesticide Residues in Food by Using High-Throughput GC-MS/MS System with Fast GC Condition**; Junkei Kou<sup>1</sup>; Kiyotaka Konuma<sup>1</sup>; Kouji Okuda<sup>2</sup>; Kazuaki Murayama<sup>1</sup>; Yoshihisa Ueda<sup>1</sup>; <sup>1</sup>JEOL Ltd, Akishima, Japan; <sup>2</sup>JEOL USA, Inc., Peabody, MA

MP 447 **Analysis of PFASs in Environmental Waters by DARTMS with Coated Dip-it Sampling in Minutes**; Robert Cody<sup>1</sup>; Simin D. Maleknia<sup>2</sup>; <sup>1</sup>JEOL USA, Inc., Peabody, MA; <sup>2</sup>University of Technology Sydney, Sydney, Australia

MP 629 **A Mass Spectrometry Imaging Method for Visualizing Synthetic Polymers Combining with Kendrick Mass Defect Analysis**; Takaya Satoh<sup>1</sup>; Sayaka Nakamura<sup>2</sup>; Thierry Fouquet<sup>2</sup>; Hiroaki Sato<sup>2</sup>; Yoshihisa Ueda<sup>3</sup>; Mike H. Frey<sup>4</sup>; <sup>1</sup>JEOL Ltd. MSBU Application division Group1, Akishima, Tokyo, Japan; <sup>2</sup>Research Institute for Sustainable Chemistry, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan; <sup>3</sup>JEOL Ltd. MSBU, Akishima, Japan; <sup>4</sup>JEOL USA, Inc., Peabody, MA

MP 639 ケンド(リック): **“Kendo” Open File for the Advanced Kendrick Mass Defect Analysis of Mass Spectra From Polymeric Materials**; Thierry Nicolas Jean Fouquet<sup>1</sup>; Sayaka Nakamura<sup>1</sup>; Robert Cody<sup>2</sup>; Hiroaki Sato<sup>1</sup>; <sup>1</sup>National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Japan; <sup>2</sup>JEOL USA, Inc., Peabody, MA

### Tuesday Posters

TP 752 **Identification of Impurities in the Organic Solvents Used in the Semiconductor Field by Using GC-HRTOFMS with EI/FI**; Koji Okuda<sup>1</sup>; John Dane<sup>1</sup>; Robert Cody<sup>1</sup>; <sup>1</sup>JEOL USA, Inc., Peabody, MA

### Wednesday Posters

WP 325 **Development of an Integrated Qualitative Analysis Coupled with EI and Soft Ionization Data for GCHRTOFMS System**; Masaaki Ubukata<sup>1</sup>; Kenji Nagatomo<sup>1</sup>; Ayumi Kubo<sup>1</sup>; Takaya Satoh<sup>1</sup>; John Dane<sup>2</sup>; <sup>1</sup>JEOL, Ltd., Tokyo, Japan; <sup>2</sup>JEOL USA, Inc., Peabody, MA

## Thursday Posters

**ThP 020 Coated Blade Spray–High-Resolution Mass Spectrometry: A Versatile Tool for Sample Profiling and Screening of Controlled Substances in Complex Matrices;** German Augusto Gómez-ríos<sup>1</sup>; Robert Cody<sup>2</sup>; Nathaly Reyes-garcés<sup>1</sup>; Frances Carroll<sup>1</sup>; Gary Stidsen<sup>1</sup>; David Bell<sup>1</sup>; <sup>1</sup>*Restek Corporation, Bellefonte, PA*; <sup>2</sup>*JEOL USA, Inc., Peabody, MA*

## Presentations by customers

**MOD am 09:50 LADI of All Trades: Imaging of Small-Molecule Spatial Distributions in Complex Matrices by a Novel Ambient Ionization Imaging Technique;** Kristen L Fowble<sup>1</sup>; Rabi A Musah<sup>1</sup>; <sup>1</sup>*University at Albany-SUNY, Albany, NY*

**MOB pm 02:30 Infrared Thermal Desorption DART-MS of Trace Explosive Fuel-Oxidizer Mixtures: Powders, Propellants, and Pyrotechnics;** Thomas P. Forbes<sup>1</sup>; Jennifer R. Verkouteren<sup>1</sup>; Edward Sisco<sup>1</sup>; Matthew Staymates<sup>1</sup>; <sup>1</sup>*National Institute of Standards and Technology, Gaithersburg, MD*

**MP 201 A High Profile: Detection and Identification of Synthetically-derived Psychoactive Material through Sorbent-Facilitated Headspace Mass Spectral Analysis and Chemometrics;** Meghan G. Fogerty<sup>1</sup>; Rabi A. Musah<sup>1</sup>; <sup>1</sup>*University at Albany-SUNY, Albany, NY*

**WOC pm 03:10 Carrion Insect Species Identification from Multi-species Mixtures of Larvae Using Multilabel Classification of DART-HRMS Data for Postmortem Interval Determination;** Rabi A Musah<sup>1</sup>; Samira Beyramysoltan<sup>1</sup>; Justine E. Giffen<sup>1</sup>; Jennifer Y. Rosati<sup>2</sup>; Monica Ventura<sup>1</sup>; <sup>1</sup>*University at Albany-SUNY, Albany, NY*; <sup>2</sup>*John Jay College of Criminal Justice, New York City, NY*

**WOG pm 03:50 Understanding the Implications of Confined DART-MS: Considerations and Strategies for Optimization;** Edward Sisco<sup>1</sup>; Thomas P. Forbes<sup>2</sup>; Matthew Staymates<sup>2</sup>; <sup>1</sup>*National Institute of Standards and Technology, Gaithersburg, MD*; <sup>2</sup>*National Institute of Standards and Technology, Gaithersburg, MD*

**WP 006 A Novel Approach to Simultaneous Quantification of Tropane Alkaloids in Plant Tissue (*Datura* spp.) Using DART-HRMS and PLS Linear Regression;** Samira Beyramysoltan<sup>1</sup>; Rabi A. Musah<sup>1</sup>; <sup>1</sup>*Department of Chemistry, State University of New York at Albany, Albany, NY*

**ThP 028 Areca Alkaloids Measured from Buccal Cells Using DART-MS Serve as Accurate Biomarkers for Betel Nut Chewing;** Adrian Franke<sup>1</sup>; Laura Biggs<sup>2</sup>; Joanne Y. Yew<sup>3</sup>; Jennifer F Lai<sup>4</sup>; <sup>1</sup>*Univ of Hawaii Cancer Ctr, Honolulu, HI*; <sup>2</sup>*University of Guam, Mangilao, Guam*; <sup>3</sup>*Pacific Biosciences Research Center, University of Hawaii, Honolulu, Hawaii*; <sup>4</sup>*University of Hawaii Cancer Center, Honolulu, Hawaii*