

Special Exhibitor Events

During the 2019 Eastern Analytical Symposium, the following special exhibitor events will take place.

For additional information on these events, please contact the relevant exhibiting company.

Agilent Technologies

Agilent Technologies will be showcasing a variety of instruments on Monday, Tuesday, & Wednesday in Room 108 on the first floor of the Conference Center. Visit the Agilent demo room to meet and get answers to your questions from experts. You'll also have the opportunity to learn more about the latest product technology and how it can help your research.

PerkinElmer

PerkinElmer will be making the following presentations on Monday, Tuesday, & Wednesday in Room 110A, located on the first floor of the Conference Center

1. Meeting the Increasing Needs from the Pharmaceutical Industry to Materials Research with the Versatility of Fluorescence Spectroscopy. (Chris Lynch FAS, Molecular Spectroscopy)
2. Fast Analysis of Terpenes and Residual Solvents by Headspace GC/MS (Tom Mancuso, Gas Chromatography Mass Spectrometry)
3. Alternative Carrier Gases for EPA Volatile Methods (Tom Mancuso, Gas Chromatography Mass Spectrometry)

Vendor Seminars

On Tuesday morning, November 19, the following vendor seminars will take place in the Burr Room, located on the second floor of the Conference Center.

Thermo Fisher Scientific

Join Thermo Fisher Scientific on Tuesday, November 19th 8:30 am – 10:00 am in the Burr room for a complimentary breakfast and presentation:

Comprehensive and Fast Multi-Elemental Analysis using Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES)

Daniel Kutscher, Sabrina Antonio, Doug Sears

In the toolbox for the analysis of trace elements is the ICP-OES which plays an important role due to its tolerance to a wide variety of sample matrices, from simple to complex. At the same time, ICP-OES offers detection limits as low as a few $\mu\text{g}\cdot\text{L}^{-1}$ allowing determination of trace level contaminants while its multielement capability, allowing screening of up to 60 elements in a single analysis, provides productivity with cost efficiency. With these benefits, ICP-OES has become one of the most popular techniques for routine elemental analysis in environmental, agricultural, petrochemical, metallurgical, pharmaceutical and many more industries.

In a typical multi-element analysis, emissions in both the UV and visible ranges of the optical spectrum are measured. Key elements with their most sensitive emission lines in the UV region, such as arsenic, phosphorus and aluminum, are often regulated and measured at low levels, requiring the most sensitivity. Current instrumentation allows sequential scanning of UV and visible wavelength ranges leading to extended analysis times. Improvements to instrument design allow truly simultaneous acquisition of UV and visible data in a single analysis with better separation of UV emissions from residual gas, e.g. oxygen and nitrogen from ambient air, allowing better sensitivity.

In this presentation, get to know the latest innovations in ICP-OES instrumentation that provide enhances robustness for the most difficult sample matrices, allow true simultaneous measurement of the full optical spectrum for increased throughput and the sensitivity to meet challenging trace level detection requirements for key analytes.

Agilent Technologies

From 10:30 am to noon in the Burr Room, **Agilent Technologies** will present:

Title: Unlock Agilent's spectroscopy workflow solutions - From drug discovery and development to quality control

Speaker: Keegan McHose

Abstract: In the modern pharmaceutical environment, speed to decision is critical. This necessitates the use of fast and intuitive spectroscopy solutions that can be operated by both experts and non-experts alike. Agilent's spectroscopy solutions allow users to get "samples to answers" confidently to solve everyday challenges with ease, flexibility and unprecedented speed.