

Thermo Scientific Productivity Series

Bring your analytical challenges to our Interactive Applications Workshop

A Three-Track Learning Opportunity
Feel free to move between tracks.

2 gas chromatography and mass spectrometry

Be the first to learn of the latest technological advances in laboratory instrumentation. Separation using gas chromatography is a mature science. Join us to see how improvements in instrument design can expand your laboratory's capabilities, improve sensitivity, and simplify method development. Learn how Thermo Scientific mass spectrometers are the best solution for your experimental and routine analytical needs. Discover how the power of sample preparation automation can be fast, easy and inexpensive.

The afternoon session will offer an engaging interactive workshop in which a variety of topics will be available for discussion, including new software developments and demonstrations, sample preparation, GC troubleshooting, method development tips and tricks, and an overview of popular environmental, forensics, food safety and POPs applications.

Each program track features interactive sessions with our application experts to help you solve your analytical challenges. A range of application topics will be available for discussion after lunch. The exact program will be adjusted to match the needs of the group.

There is no charge to attend. Breakfast and lunch are provided.

See page 2 for Workshop abstracts

1 ion chromatography and atomic spectroscopy

2 gas chromatography and GC/mass spectrometry

3 liquid chromatography and LC/mass spectrometry

collaborate with the experts to **solve** your toughest analytical **challenges** at a city nearby!

agenda

8:00 am Registration, continental breakfast, and informal mixer

8:30 am Opening Session – Thermo Scientific Product Solutions

9:00 am Select your track of interest – feel free to move between tracks

9:00 am Perform Sample Extraction in Your Pajamas: Automate and Accelerate

This presentation will show how, with the automation of the Thermo Scientific Dionex ASE Accelerated Solvent Extractor, your solid samples can be set up to extract automatically overnight, while you sleep! Also, the automation of the Thermo Scientific Dionex AutoTrace 280 Solid-Phase Extraction instrument allows extraction of liquid samples with minimum user intervention. With the power of automation, extraction of both liquid and solid samples is now faster, easier and cheaper.

9:45 am Introducing the Newest Innovations in GC Sample Introduction and Separation: Going Modular

Be the first to discover the next level of instrument usability with the next generation GC engineered miniaturized, plug-in injectors and detectors, redefining usability in routine and high throughput laboratories. Also learn how to be more productive, save time and money, and ensure higher quality results to your customers with the new Robotic Sample Handling auto-sampler.

10:30 am Break

10:45 am Maximize GC-MS Productivity and Flexibility with the Latest in Single Quadrupole and Ion Trap Technology

Learn how you can tackle today's challenges with the advanced features of the Thermo Scientific ISQ Single Quadrupole GC-MS system. Discover how the innovative ISQ™ ExtractaBrite™ source assembly can be removed and replaced in less than 3 minutes without venting the mass spectrometer. Think of the time you can save! An in-depth review of ion trap technology will be provided along with an overview of the advanced capabilities of the Thermo Scientific ITQ ion trap GC-MS systems.

11:30 am Are You Selective Enough? Aspects of Selectivity with a Particular Focus on GC-MS/MS

Selectivity is a difficult thing to measure in numerical terms but at the same time it is a key factor that has a real say in many performance characteristics of our analytical methods. It comes in many forms at different stages during our analyses and can be used to drive results in the direction we want. During this event, we will learn why selectivity is important, take a look at interference, visit signal to noise, and most importantly discover what advantages increased selectivity can bring with respect to GC-MS analysis of real samples, in real applications.

12:15 pm Lunch

1:15 pm Hot Application Topics

2:15 pm Break

2:30 pm Hot Application Topics

3:30 pm Informal Discussions and Close

Discover new analytical technologies introduced at Pittcon 2012

Thermo
SCIENTIFIC

gas chromatography and mass spectrometry

hot application workshop topics

This interactive workshop will be driven by attendee preference. A variety of topics will be available for discussion including new software developments and demonstrations, sample preparation and GC troubleshooting, method development tips and tricks, and an overview of popular environmental, forensics, food safety and POP's applications.

A variety of Hot
Application Workshop
Topics available

Register
today!

Keep Your Dionex ASE™ Accelerated Solvent Extractor in Top Form: Simple Tips and Tricks to Ensure Peak Performance from Your Instrument

Join us to learn and discuss various steps that will ensure top performance from your Dionex ASE system. Topics will include: extraction cell care and maintenance, method optimization, and troubleshooting.

System Maintenance and Troubleshooting

This user workshop will focus on GC column selection, installation, compound separation, and troubleshooting techniques for both your GC and mass spectrometer system. Inlet maintenance, septa choice, liner types, overcoming contamination in your mass spectrometer, and how to clean your ion source will also be discussed.

The Thermo Scientific Demo Laboratories: Kick the Tires Before Your Purchase

Learn what Thermo Scientific has to offer existing and potential customers before and after the purchase of your new GC and GC-MS system. Meet the demo chemist in your area!

GC-MS Method Development Workshop

An overview of the method development process will be provided with special emphasis on injection techniques, column selection, optimization of GC conditions and selection of the appropriate MS technology.

Thermo Scientific TraceFinder Software: The Newest GC-MS Software

Users will get an overview of the new software for GC single quadrupole, GC ion trap and GC triple quadrupole instruments providing a uniform platform for both GC-MS and LC-MS instrumentation. Get your laboratory more productive with software designed with your laboratory's workflow in mind.

Thermo Scientific Dionex Chromeleon 7.1 Chromatography Data System

The Chromeleon™ 7.1 Chromatography Data System delivers rich, intelligent functionality with Operational Simplicity. Everything you need is within easy reach, whether you have only a single workstation or on an enterprise-scaled installation. The intuitive, easy-to-navigate user interface guides you effectively towards your goals. This presentation will show how a new chromatography data system provides rich functionality and high usability for a diverse range of users whose needs vary widely. Usability principles applied throughout the design will be discussed, and examples will illustrate how usability focused design can not only help increase productivity, but also make the user's experience much more enjoyable.

Take Home the Gold with Thermo Scientific GC Columns and Consumables

Learn about the award-winning Thermo Scientific TraceGOLD GC columns, selecting the right inlet liner for your analysis, and other instrument and laboratory consumables from your one-stop consumables store.

Benefits of GC and GC-MS in Environmental, Food Safety, Pharmaceutical and Forensics Applications

This presentation will highlight the benefits of the utilization of GC and GC-MS for several applications. Examples relevant to environmental, food safety, pharmaceutical and forensics fields will be presented. Attendees are welcome to share their experiences in these fields to make this a very interactive and productive session.



Thermo Scientific TRACE 1310 GC



Thermo Scientific ISQ
single quadrupole GC-MS



Thermo Scientific ITQ Series
GC-Ion Trap MS



Thermo Scientific TSQ Quantum
XLS Ultra mass spectrometer



Thermo Scientific Dionex ASE 350
Accelerated Solvent Extractor



Thermo Scientific Dionex
Chromeleon software

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To view the complete agenda, abstracts and extended list of applications for customizing your workshop visit

www.thermoscientific.com/productivity

This is a **FREE** event!