Eliminate the Fear Factor

Developing and accelerating your analytical expertise

Locations:

Memphis, TN
April 3 - GC
April 4 - HPLC

Rockville/Bethesda, MD
April 9 - GC
April 10 - HPLC

Atlanta, GA
April 17 - GC
April 18 - HPLC

Cincinnati, OH
April 23 - HPLC
April 24 - GC

King of Prussia, PA
April 30 - GC
May 1 - HPLC

Who should attend:

- All Analytical Chemists doing GC and HPLC analysis
- Lab managers looking to develop their staff
- Lab directors who want to network and meet their larger Agilent support network

This hands-on workshop targets critical aspects of GC and HPLC analysis around service, repair, familiarization, applications, and tips & tricks – all focused on accelerating your analytical skillset and eliminating the fear when tackling hardware and software challenges. Hear directly from your local service engineers and application chemists on how to optimize your analysis, improve instrument up-time, and increase the productivity and capability of your lab.

Participants will learn how to:

- Eliminate the fear around diagnosing, repairing, maintaining, and optimizing GC and HPLC workflows
- Solve common and not-so-common GC and HPLC technical issues
- Optimize instrument design and parameters
- Diagnose chromatography problems related to method and application setup
- Optimize instrumentation and method parameters for optimal separations
- Access quick and helpful technical support

Afterwards, participate in the networking session with fun and interactive activities, get your troubleshooting kit and voucher booklet! Join one or both workshops coming to a city near you! More cities will be announced as they are scheduled.

Register today and view locations: https://agilent.cvent.com/EFF2019

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GC Analysis Workshop (Full Day)

The GC workshop will focus on inlet design, detector design, and troubleshooting, as well as tips, tricks, and tools to develop better methods and analytical capability in the lab.

HPLC Analysis Workshop (Full Day)

The LC workshop will feature hardware design and troubleshooting; application development and optimizing your chromatograph; and software features, usage and how to address common questions.

Logistics

Each day will run independently with attendees being able to register for either or both days. When you check-in for your seminar, you will be assigned a specific rotation through the three workshop topics. Every attendee will participate in all three workshops. If you have several attendees from your lab who would like to attend, please make a note during registration so we can make special accommodations.

Your Agilent team is delighted to bring Eliminate the Fear Factor in your area. Workshops are Free. Seating is limited.

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Daily Agenda

08:00 a.m. – 09:00 a.m.	Registration
09:00 a.m. – 10:30 a.m.	Rotating Sessions
10:30 a.m. – 10:45 a.m.	Break and transition to the next session
10:45 a.m. – 12:15 p.m.	Rotating Sessions
12:15 p.m. – 01:00 p.m.	Lunch
01:00 p.m. – 02:30 p.m.	Rotating Sessions
02:30 p.m. – 04:00 p.m.	Networking and open house

GC Sessions

Title	Abstract
Inlet Design & Troubleshooting	– Split/splitless (S/S) basics & differences – Septum and specific inlet liner designs – Proper column installation – Maintenance, diagnostics & troubleshooting S/S inlets
GC Detector Design & Troubleshooting	– Flame Ionization (FID) theory basics & gas flows – Various jet designs – Proper column installation – Maintenance, diagnostics & troubleshooting FID – TCD, ECD, NPD review
Tips, Tricks, & Tools	– Vapor volume calculator – Pressure flow calculator – Method translation calculator (keeping same phase ratio, changing length, He & H_2 carrier) – Common chromatography issues and solutions

LC Sessions

Title	Abstract
HPLC Hardware Tips & Tricks	– How do I know if the UV lamp is good? – How do I know if the needle seat is clogged? – How do I know if the PTFE is clogged? – Fittings – Automation using injector programming
Eliminate Your Application and Chromatography Challenges	– Sample preparation, system hygiene and techniques to minimize instrument downtime – Method transfer and optimization with a focus on instrument setup, column considerations and method conditions
Chromatography Data Systems Workshop	– Improving your current software workflow – Current software platforms, migration tools, OpenLab features and improvements – Live demo of OpenLab (highlighting common features with ChemStation and EZChrom)

Published in the USA, March 7, 2019
PAN_19_EFF_SE_AF

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