

2013 EAS Short Course Schedule

Pricing for 2013 Short Courses is \$300 half-day, \$550 one-day, and \$750 two-day before Oct. 15th and \$500 half-day, \$750 one-day and \$1100 two-day after Oct. 15th; in addition to the Full Conferee registration fee. Courses are subject to changes/cancellations.

For a complete descriptions of all EAS Short Courses, click on the course number to link to the description.

Two-Day Courses

Code	~ 2-Day Courses ~ Sunday - Monday 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E13-01	Practical Gas Chromatography	Dr. Eugene F. Barry, University of Mass-Lowell Dr. Thomas Brettell, Cedar Crest College
E13-02	LC/MS: Theory, Instruments, and Applications	Dr. Guodong Chen, Bristol-Myers Squibb Dr. Ragu Ramanathan, Bristol-Myers Squibb
E13-03	Quality-by-Design: A New Paradigm for the Analytical Laboratory I & II (<i>combined course</i>)	Dr. Zenaida Otero Gephardt, Rowan University
E13-04	Essentials of Modern HPLC/UHPLC I & II (<i>combined course</i>)	Dr. Michael W. Dong, Genentech
E13-05	Chemometrics Without Equations I & II (<i>combined course</i>)	Dr. Donald Dahlberg, Lebanon Valley College Dr. Barry M. Wise, Eigenvector Research
E13-06	Physical Characterization and Analytical Test of Pharmaceutical Solids I & II: (<i>combined course</i>) Essential Knowledge & Advanced Applications	Dr. Steve R. Byrn, Purdue University Dr. Xiaoming (Sean) Chen, OSI Pharmaceuticals

Code	~ 2-Day Courses ~ Monday - Tuesday 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E13-13	How to Develop Validated HPLC Methods: Rational Design with Practical Statistics and Troubleshooting	Dr. Brian A. Bidlingmeyer, Agilent Technologies Dr. Stanley N. Deming, Statistical Designs

Code	~ 2-Day Courses ~ Wednesday - Thursday 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E13-27	Troubleshooting Chromatographic Systems	Dr. Merlin K.L. Bicking, ACCT, Inc. Dr. Douglas E. Raynie, South Dakota State University

One-Day Courses

Code	~ One-Day Courses ~ Sunday 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E13-07	Green Analytical Chemistry	Dr. Douglas E. Raynie, South Dakota State University
E13-08	Quality-by-Design (QbD): A New Paradigm for the Analytical Laboratory I: Fundamentals for Analytical Chemists	Dr. Zenaida Otero Gephardt, Rowan University
E13-09	Essentials of Modern HPLC/UHPLC I: Fundamentals and Applications	Dr. Michael W. Dong, Genentech
E13-10	Introduction to Chemometrics Without Equations I	Dr. Donald Dahlberg, Lebanon Valley College Dr. Barry M. Wise, Eigenvector Research
E13-11	Physical Characterization and Analytical Test of Pharmaceutical Solids I: Essential Knowledge	Dr. Steve R. Byrn, Purdue University Dr. Xiaoming (Sean) Chen, OSI Pharmaceuticals
E13-12	Qualification of Analytical Instruments for the Pharmaceutical Laboratory	Mr. Gregory Martin, Complectors Consulting

2013 EAS Short Course Schedule

One-Day Courses *continued*

Code	~ One-Day Courses ~ Monday 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E13-14	Quality-by-Design (QbD): A New Paradigm for the Analytical Laboratory II: Design of Experiments (DOE) for Analytical Chemists	Dr. Zenaida Otero Gephardt, Rowan University
E13-15	Essentials of Modern HPLC/UHPLC II: Practice, Operation, Troubleshooting and Method Development	Dr. Michael W. Dong, Genentech
E13-16	Intermediate Chemometrics Without Equations II	Dr. Donald Dahlberg, Lebanon Valley College Dr. Barry M. Wise, Eigenvector Research
E13-17	Physical Characterization and Analytical Test of Pharmaceutical Solids II: Advanced Applications	Dr. Steve R. Byrn, Purdue University Dr. Xiaoming (Sean) Chen, OSI Pharmaceuticals
E13-18	Quantitative Lab Skills for the Modern Analyst	Dr. Merlin K.L. Bicking, ACCTA, Inc.
E13-19	Polymers: An Introduction and Characterization Techniques	Dr. Diep Nguyen, Illinois Institute of Technology

Code	~ One-Day Courses ~ Tuesday 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E13-20	The Chemistry of Drug Degradation	Dr. Christopher Foti, Pfizer Dr. Gregory Sluggett, Pfizer Dr. Todd Zelesky, Pfizer
E13-21	NMR: Basic Theory, Spectral Interpretation and Applications	Dr. Nina Gonnella, Boehringer Ingelheim
E13-22	Data Analysis with EXCEL [®] for Improved Productivity in the Analytical Laboratory: New Uses for a Familiar Tool	Dr. Zenaida Otero Gephardt, Rowan University
E13-23	Interpretation of Mass Spectra with Practical Solutions to Problems	Dr. Mike Lee, Milestone Development
E13-24	Quality Control of Small Molecule Drugs and Recombinant Biologics: Fundamentals and Best Practices	Dr. Michael W. Dong, Genentech
E13-25	Sample Preparation: The Chemistry Behind the Techniques	Dr. Merlin K.L. Bicking, ACCTA, Inc. Dr. Douglas E. Raynie, South Dakota State University
E13-26	Dissolution: A Rational Approach to Developing and Validating Methods for a Variety of Purposes	Mr. Gregory Martin, Complectors Consulting

Code	~ One-Day Courses ~ Wednesday 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E13-28	Practical Headspace Gas Chromatography	Dr. Mary Ellen P. McNally, DuPont Dr. Thomas A. Brettell, Cedar Crest College
E13-29	Development, Validation, Verification and Transfer of Analytical Methods: A Lifecycle Approach of Analytical Methods	Mr. Gregory Martin, Complectors Consulting
E13-30	Infrared Spectral Interpretation	Dr. Brian C. Smith, Spectros Associates
E13-31	Practical, Scientific Use of Photogrammetry and Structure from Motion Technologies in Cultural Heritage; <i>organized by NY Conservation Foundation</i>	Mr. Mark Mudge, Cultural Heritage Imaging

2013 EAS Short Course Schedule

Half-Day Courses

Code	~ Half-Day Courses ~ Wednesday 8:30am - 12:00pm (Holiday Inn)	Instructor(s)
E13-32	The Art of Managing a High Performance Laboratory	Mr. Wayne Collins, Agilent Technologies
E13-33	Leachables and Extractables Considerations for the Pharmaceutical Regulatory Environment	Dr. Thomas Feinberg, Catalent Pharma Solutions

Code	~ Half-Day Courses ~ Wednesday 1:00- 4:30pm (Holiday Inn)	Instructor(s)
E13-34	Small Molecule Single Crystal X-ray Crystallography in Structural Chemistry	Dr. Nina Gonnella, Boehringer Ingelheim
E13-35	Pharmaceutical Cleaning Validation	Dr. Jianmei Kochling, Genzyme

For a complete descriptions of all EAS Short Courses, click on the course number to link to the description.

All short courses take place in the Holiday Inn which is located across the street from the Garden State Exhibit Center. EAS provides free shuttle bus service to/from the GSEC and the Holiday Inn and Double Tree.

Registration is open from July 15 – November 20, 2013

