



RETORT

February 2016

Newsletter of the Eastern Analytical Symposium & Exposition



Analytical Chemistry Opens Doors

2016 EASTERN ANALYTICAL SYMPOSIUM & EXPOSITION



Garden State Exhibit Center
Somerset, NJ
November 14–16, 2016

The year 2016 promises to be an exciting one for EAS. We'll have some new features in the Program, Short Courses, and Expo while holding on to favorites from years past. More about what's new will be shared over the next few months. One new thing that we can talk about right now is our 2016 theme: "Analytical Chemistry Opens Doors."

This theme grew out of a recognition that it's been more than five years since I've been an analytical chemist, at least officially. However, one really never walks completely away from the discipline. The mindset remains; data is still king. Such has been the case for many of the members of the EAS Governing Board. We have analytical chemists who have transitioned to upper management, some entrepreneurs who have struck out on their own, Six Sigma BB's, new product development chemists, and numerous other titles and roles. All of these individuals started as analytical chemists in one form or another. Their training and the skill set simply opened doors to other opportunities. That's probably true for many of the readers of "The Retort", too.



There's another side to the theme, though, that's symbolized by the grassy field beyond the door on our theme's graphics. Analytical chemistry has a very important role to play in helping to solve some of the world's most pressing problems: pollution, climate change, feeding the world, healing the sick. Going back a couple of decades, measurement technologies were key to identifying the ozone hole and its causes. So, to borrow from a famous chemical company, you could say that a sub-text of our theme is "Better living through analytical chemistry." That's better living for the planet and for you, our partners.

This coming year here at EAS we will strive to help open doors for you through our Webinars, Plenary and Award Sessions (see page xx for more details), Technical Program, Short Courses, Workshops, Expo, and all of the other activities throughout the year. We hope you find them helpful wherever your opportunities take you. If you have any ideas about how we can make EAS better in our efforts to serve the analytical community, please do not hesitate to let us know.

I look forward to interacting with you through our LinkedIn, Twitter, and Facebook accounts and to seeing you in Somerset, NJ in November.

Daryl Cobranchi
EAS President



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2016 Registration Rates

	Registration received	Before Oct. 15	After Oct. 15
Full Conferee		\$225	\$300
Exhibit-Only		\$100	\$100
Full-Time Student		\$30	\$30
High School Student with Seminar (must register for a seminar)		\$0	\$0
Half-Day Short Course (must register as full conferee in order to take course)		\$375	\$525
One-Day Short Course (must register as full conferee in order to take course)		\$575	\$775
Two-Day Short Course (must register as full conferee in order to take course)		\$850	\$1175



Message from the Program Chair

Welcome to the 2016 EAS technical program consisting of an array of oral and poster sessions to reflect our current EAS theme "Analytical Chemistry Opens Doors."

These invited sessions illustrate the breadth of scientific applications and the impact of the many analytical innovations on numerous application areas. The list of this year's EAS and Sponsoring Organization award winners from the research fields of biochemistry, environment, food, chemical, and pharmaceutical, further demonstrates how far the analytical chemistry field reaches and the significant contribution to several key areas of current research it makes. The major innovations of the analytical field will be highlighted by our award winners' based on their scientific excellence as documented in the scientific journals. In addition to honoring the renowned scientists in their fields, EAS 2016 will present the Young Investigator Award to Dr. Lili He in recognizing her research excellence within three years of being a faculty in the Food Science Department at the University of Massachusetts, Amherst. Her research focus of developing surface enhanced Raman Spectroscopy (SERS) techniques has a variety of applications in food safety and food chemistry fields. Visit our website for all of our awardees' biographies.

We invite you to submit an abstract and be a part of the contributed oral and poster program. Our contributed sessions are excellent companions of the invited presentations. They will showcase recent advances in analytical techniques and their applications. Please note that the abstract submission window for contributed oral presentations is March 1 - May 16, and for contributed poster presentations is March 1 - September 12.

On behalf of the EAS Program Committee, we look forward to your participation in our exceptional 2016 program this coming November.

Judy Lin
2016 EAS Program Chair

2016 EAS Invited Technical Sessions

Note: This is a preliminary list of sessions. Other oral and poster sessions will be announced at a later date.

We invite you to plan to join us at the EAS 2016! This is also an invitation to contribute a paper to EAS in your own analytical subject area for review and acceptance. Complementary papers to the topics mentioned below are especially welcome but we encourage all areas of analytical chemistry. Visit our website for more information about our Call For Papers from March 1 - May 16, and posters through Sep. 12 at www.EAS.org

AWARD SESSIONS

EAS AWARD FOR OUTSTANDING ACHIEVEMENTS IN THE FIELDS OF ANALYTICAL CHEMISTRY

Honoring Purnendu (Sandy) Dasgupta
University of Texas-Arlington
Chair: Satinder Ahuja, Ahuja Consulting

EAS AWARD FOR OUTSTANDING ACHIEVEMENTS IN NEAR INFRARED SPECTROSCOPY

Honoring Samuel Coleman, ColeSpec Services
Chair: Franklin Barton, LightLight Solutions

EAS AWARD FOR OUTSTANDING ACHIEVEMENTS IN SEPARATION SCIENCES

Honoring Luis Colón, SUNY-Buffalo
Chair: To be announced

EAS AWARD FOR OUTSTANDING ACHIEVEMENTS IN MASS SPECTROMETRY

Honoring Richard Smith
Pacific Northwest National Laboratory
Chair: Erin Baker, Pacific Northwest National Laboratory

AWARD SESSIONS

EAS AWARD FOR OUTSTANDING ACHIEVEMENTS IN NUCLEAR MAGNETIC RESONANCE

Honoring Gary Martin, Merck
Chair: Thomas Williamson, Merck

EAS YOUNG INVESTIGATOR AWARD

Honoring Lili He, University of Massachusetts
Chair: Jason White, CT Agricultural Experiment Station

NEW YORK SECTION OF THE SOCIETY OF APPLIED SPECTROSCOPY GOLD MEDAL AWARD

Honoring: James G. Fujimoto, MIT
Chair: Deborah Peru, Colgate-Palmolive Co.

AMERICAN MICROCHEMICAL SOCIETY BENEDETTI PICHLER AWARD

Honoring: To be announced
Chair: Robert Vetrecin

2016 EAS Invited Technical Sessions *cont.*

NON-AWARD SESSIONS

BIOANALYSIS

- New Analytical Approaches in Support of High Throughput Screening
Chair: Wilson Shu, Bristol-Myers Squibb

CHROMATOGRAPHY

- Current Trends in Sample Preparation
Chair: Mary Ellen McNally, E.I. DuPont de Nemours and Company
- Recent Advances in Chromatography
Chair: William Barber
- Two-Dimensional Liquid Chromatography, organized by the North Jersey Chromatography Group
Chair: Landon Greene, Bristol-Myers Squibb

CONSUMER PRODUCTS

- Food Analysis
Chair: Christina Robb, Connecticut Agricultural Experiment Station
- Counterfeit of Manufactured Products
Adam Lanzarotta, US FDA
- Medicinal Cannabis: Perspectives on Analysis and Regulatory Requirements
Chair: Jason Shen, Celgene

CULTURAL HERITAGE

Organized by the New York Conservation Foundation

- MFT and Diverse Methods for Cultural Heritage I
- MFT and Diverse Methods for Cultural Heritage II
- Microfading Technology for Cultural Heritage I
- Microfading Technology for Cultural Heritage II
Chair: John Scott, New York Conservation Foundation

ENVIRONMENTAL ANALYSIS

- Going Green: Spectroscopy Enabling Green Chemistry organized by The Coblenz Society
Chair: Brandye Smith-Goettler, Merck

FORENSIC ANALYSIS

- Forensic Trace Evidence...Is Booming!
Chair: Matthew Wood, Ocean County Sheriff's Office Forensic Laboratory
- Research from our Emerging Forensic Scientists
Chair: Barry Logan, NMS Labs

LABORATORY ANALYSIS

- Leading a Diverse Organization
Chair: Dennis Swijter, ALMA
- Industrial Applications of Polymer Analysis and Characterization
Chair: Sandra Ferris, Dow Chemical Company

MASS SPECTROMETRY

- Global and Targeted Analysis of Protein Using LC/MS
Chair: Jun Qu, SUNY-Buffalo
- "Current Trends in Mass Spectrometry
Chair: Allen Jones, Liquid Light

MICROSCOPY

- Industrial Applications of Microscopy
Chair: John Reffner, John Jay College
- Forensic Microscopy X
Chair: Thomas Kubic, Taka Micro

NMR SPECTROSCOPY

- Dynamic Nuclear Polarization: Getting the Most Out of NMR
Chair: Dewey Barich, GlaxoSmithKline
- Quantitative NMR—Methods and Applications
Chair: Steven Bai, University of Delaware

PHARMACEUTICAL ANALYSIS

- Analytical Challenges of Generic Drug Development
Chair: Kim Huynh-Ba, Pharmalytik
- Predictive *In-Vitro* Analysis
Chair: Justin Pennington, Merck
- Analytical Methods for 21st Century Cleaning Validation
Chair: Andrew Walsh, Center for Pharmaceutical Cleaning Innovation
- In-Process Control: From API to Drug Product
Chair: Laurent Lechman, Bristol-Myers Squibb
- CoSMoS Method Development Olympics Competition (MDO)
Chair: Karen Alsante and Bill Farrell, Pfizer
- Overcome the Challenges in Parental Drug Development and Analysis
Chair: Xujin Lu, Bristol-Myers Squibb

SPECTROSCOPY

- Innovative Practical Applications of Atomic Spectroscopy
Chair: Lydia Breckenridge, Bristol-Myers Squibb
- Industrial Applications of NIR Spectroscopy, organized by The Coblenz Society
Chair: Brandye Smith-Goettler, Merck
- Chemical Imaging, organized by The Coblenz Society
Chair: Michael Walsh, University of Illinois-Chicago
- Vibrational Spectroscopy in Defense and Security, organized by The Coblenz Society
Chair: David Schiering, Czeitech

SURFACE SCIENCE

- Surface Science and Spectroscopy of Nanoparticles and Nanomaterials
Chair: Andrew Teplyakov, University of Delaware

2016 PRELIMINARY LIST OF SHORT COURSES

EAS short courses are designed to help the practicing analyst develop new skills and enhance knowledge. Taught by experts, the short courses emphasize practical knowledge of a variety of important topics to help one keep current with best practices and new techniques. Whether you want to learn of a new analytical technology, understand new regulations, explore a new analytical field, or just brush up a new concept in your area of expertise, there is a course for you. EAS will be offering half-day, one-day and two-day courses.

Frank Romano, 2016 Short Course Chair

# of Days	Course Names	Instructors
2-day	Quality-by-Design Fundamentals for Analytical Chemists: A New Paradigm for the Analytical Laboratory Part 1 &/or Part 2 (NEW!)	Dr. Zenaida Otero Gephardt, Rowan University
2-day	Advanced HPLC/UHPLC Part 1 &/or Part 2: Fundamentals and Pharmaceutical Applications (NEW!)	Dr. Michael W. Dong, MWD Consulting
2-day	Practical Gas Chromatography	Dr. Eugene Barry, University of Massachusetts Dr. Thomas Brettell, Cedar Crest College
2-day	Troubleshooting Chromatographic Systems	Dr. Merlin K.L. Bicking, ACCT, Inc. Dr. Douglas E. Raynie, SD State University
2-day	LC/MS: Theory, Instruments, and Applications	Dr. Guodong Chen, Bristol-Myers Squibb Dr. Ragu Ramanathan, Pfizer
2-day	How to Develop Validated HPLC Methods: Rational Design with Practical Statistics and Troubleshooting	Dr. Brian Bidlingmeyer, Analytical Acumen Inc. Dr. Stanley N. Deming, Statistical Designs
2-day	Chemometrics without Equations Part 1 &/or Part 2	Dr. Donald Dahlber, Lebanon Valley College Dr. Neal Gallagher, Eigenvector
1-day	Introduction to GLP Regulations and Bioanalytical Method Validation by LC-MS/MS (NEW!)	Dr. Perry Wang, LC-MS Technical Expert
1-day	Pharmaceutical Risk Management for Analytical Chemist (NEW!)	Ms. Kim Huynh-Ba, Pharmalytik
1-day	CounterCurrent Chromatography (NEW!)	Dr. Gary Yanik, PDR-Separations Dr. Dave Thorton, GlaxoSmithKline Dr. Guy Harris, Dynamic Extractions
1-day	Lifecycle Approach to Analytical Methods: Incorporating QbD Concepts into Method Development, Validation, Verification and Transfer (NEW!)	Mr. Gregory Martin, Complectors Consulting
1-day	Practical Guide to Reversed-Phase HPLC	Dr. Merlin K. L. Bicking, ACCTA, Inc. Dr. Richard A. Henry, Consultant
1-day	Conducting Effective Investigations of Out of Specification and Atypical Laboratory Results: Using Root Cause Analysis and CAPA to Close Them Quickly and Keep Them from Coming Back	Mr. Gregory Martin, Complectors Consulting
1-day	LC-MS Method Development for Small Molecule Pharmaceuticals	Dr. Perry Wang, LC-MS Technical Expert
1-day	Polymers: An Introduction and Characterization Techniques	Dr. Diep Nguyen, Illinois Institute of Technology
1-day	Getting the most from GC and GC/MS	Dr. Gregory Slack, Clarkson University Dr. Nicholas Snow, Seton Hall University
1-day	Interpretation of Mass Spectra with Practical Solutions to Problems	Dr. Mike Lee, Milestone Development
1-day	Therapeutic Peptide and Protein Bioanalysis by LC-MS/MS	Dr. Faye Vazvaei, Roche Dr. Jun Qu, SUNY-Buffalo Dr. Yan Zhang, Bristol-Myers Squibb
1-day	Sample Preparation: The Chemistry Behind the Techniques	Dr. Merlin K.L. Bicking, ACCTA, Inc. Dr. Douglas E. Raynie, SD State University
1-day	Introduction to Vibrational Spectroscopy for Real Time Analysis	Dr. John M. Wasyluk, Bristol-Myers Squibb Dr. Peter J. Larkin
1-day	Impurities In Pharmaceuticals – A Survey Course	Dr. Bernard Olsen, Olsen Pharmaceutical Consulting
1-day	The Chemistry of Drug Degradation	Dr. Gregory Sluggett, Pfizer Dr. Todd Zelesky, Pfizer
½ -day	HPLC/UHPLC Method Development Made Easy	Dr. Michael W. Dong, MWD Consulting

EAS Awards Program

Shirley Fischer-Drowos, 2016 EAS Awards Chair

Each year the Eastern Analytical Symposium honors Analytical Chemists who have distinguished career achievements. The recipients of these awards advanced these fields by superior work in developing theory, techniques or instrumentation. At the 2016 Symposium scientists in six areas of endeavor, will be presented awards.



Dr. Purnendu (Sandy) Dasgupta
The University of Texas-Arlington
*EAS Award for Outstanding
Achievements
in the Fields of Analytical Chemistry*



Gary Martin
Merck
*EAS Award for Outstanding
Achievements in
Nuclear Magnetic Resonance*



Dr. Samuel W. Coleman
ColeSpec Services
*EAS Award for Outstanding
Achievements in Near
Infrared Spectroscopy*



Dr. Luis Colón
SUNY - Buffalo
*EAS Award for Outstanding
Achievements in Separation Science*



Dr. Richard D. Smith
Pacific Northwest National Laboratory
*EAS Award for Outstanding
Achievements in Mass Spectroscopy*



Lili He
University of Massachusetts
EAS Young Investigator Award

Two other awards will be presented at the Annual Symposium in November under the auspices of the EAS sponsoring organizations



James G. Fujimoto
Massachusetts Institute of Technology
*New York Section of the
Society for Applied Spectroscopy
Gold Medal Award*

To Be Announced

*American Microchemical Society
Benedetti-Pichler Award*

EAS Awards are selected by independent juries of experts in these respective fields from nominations received by the Award Committee from the scientific community at large or by the jury members. Each award consists of an honorarium, travel expenses to EAS, a plaque, and the opportunity for the Awardee to present his or her work at EAS at an Award Symposium in his/her honor. Visit our website for full biographies for each Awardee.

Persons wishing to make a nomination for any of the awards given by EAS should send complete documentation of the candidate (nominating letter summarizing achievements, curriculum vita or resume, a statement of the nominee's willingness to present an address as part of an EAS Award Symposium, and arrange for at least one seconding letter) electronically (**single PDF file is preferred**) to: awards@eas.org The length of the nomination packet should be commensurate with the nominee's accomplishments, but should be limited to six to eight pages. The deadline for all 2017 award nominations is September 1, 2016.

2016 EAS Workshops

EAS is committed to your professional development, as well as the enhancement of knowledge. Our workshops include topics to help develop your professional skills, as well as to hone other skills critical for career success. These workshops will provide insight into the best techniques for presenting your background and relevant experience using both social media and traditional resume formats. Skills such as these are essential today, and EAS is the place to begin or continue developing them. We offer different workshops each day, which are free to all attendees with a Full Conferee or Student registration. Workshop descriptions and registration details will be posted on the EAS website in early June -stay tuned!

Lee Craven
Employment Committee Chair

Undergraduate and Graduate Student Awards

The Eastern Analytical Symposium and Exhibition annually offers awards to recognize and encourage scientific promise and research talent in **undergraduate chemistry students**. The awardees should be students who are already involved in research, in the field of analytical chemistry.

Again this year, EAS will also be offering an **award to GRADUATE STUDENTS** who show outstanding talent for scientific research. This award will be open to graduate students who have been significantly involved in a research project at the graduate level for a minimum of a year, and who will not have graduated by the Fall 2016 semester.

Winners will receive an all-expense paid trip to the EAS, be presented with plaques at an award luncheon, and have an opportunity to present their research project in a poster session. In addition, they will be able to participate in all the usual activities of a world-class scientific convention and meet distinguished members of their future profession. Professors who nominate students will receive free full-conferee registration for the EAS.

All nominations are due by **April 30, 2016** and should be submitted by e-mail to student.awards@eas.org or grad.awards@eas.org. Visit our website for details on how to nominate an undergrad and graduate student.

2016 Student Seminars

The Eastern Analytical Symposium has an Outreach Program for high school chemistry and science teachers, collegiate undergraduates, as well as high school students.

On Sunday, November 13th, EAS will hold a **Free** professional development seminar offered exclusively to high school teachers.

EAS will also offer one Outreach Seminar each day, Monday, November 14 through Wednesday, November 16 for college undergraduate students and high school students. Each seminar will have recognized leaders from academia and industry presenting perspectives on careers in chemistry and fields of interest.

Registration for the Outreach Seminars is required to reserve a space. High school students attending with their teacher may register for a Seminar for free. Information on course descriptions and schedules will be posted on our website as soon as they are finalized. Registration will open in early July.

Please contact Eastern Analytical Symposium at askeas@eas.org or visit our website at www.EAS.org for more information.

Wenying Jian
Seminar Chair

Join Us at the 2016 EAS

Last updated February 19, 2016

Acanthus Research	GenTech Scientific	PANalytical
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Chemglass Life Sciences	Macherey-Nagel, Inc.	Spectroscopy Magazine
Chromatography Forum of the Delaware Valley	Markes International	Spectrum Chemicals
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Distek, Inc.	Molnar Institute	USP (U.S. Pharmacopeia)
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Elementar Americas	Nananalysis	Waters Corporation
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FreeThink Technologies	NexTech Science Innovations	
Gateway Analytical	North Jersey Section of ACS	
	Omicron Scientific	
	Pace Analytical	

2016 Eastern Analytical Symposium
November 14-16, 2016, Somerset, NJ

Expo Hours 9 am - 4 pm Monday and Wednesday, 9 am - 5:30 pm Tuesday

For information on exhibiting please contact Sheree R. Gold, Exposition Director, at 610-742-4981 or easinfo@aol.com

Analytical Chemistry Opens Doors

2016 EASTERN ANALYTICAL SYMPOSIUM & EXPOSITION

Garden State Exhibit Center Somerset, NJ November 14–16, 2016



eas.org in f t

Call for Papers

March 1–May 16, 2016

Abstracts received from May 16–Sept 12, 2016, will be reviewed for quality to be included in the poster session. You will be notified via email when/if the abstract is placed.

EAS seeks contributed abstracts
in these and other analytical fields:

- ▲ Bioanalysis
- ▲ Capillary Electrophoresis
- ▲ Chemometrics
- ▲ Conservation Science
- ▲ Environmental Analysis
- ▲ ESR Spectroscopy
- ▲ Food Analysis
- ▲ Forensic Analysis
- ▲ Gas Chromatography
- ▲ HPLC
- ▲ ICP/MS
- ▲ Immunochemistry
- ▲ Industrial Hygiene
- ▲ Ion Chromatography
- ▲ IR Spectroscopy
- ▲ Laboratory Automation
- ▲ Laboratory Management
- ▲ Laboratory Miniaturization
- ▲ Ligand Binding Assays
- ▲ LC/MS, GC/MS
- ▲ Microchemistry
- ▲ Microscopy
- ▲ Nanoparticles
- ▲ Near-Infrared (NIR) Spectroscopy
- ▲ NMR Spectroscopy
- ▲ Pharmaceutical Analysis
- ▲ Process Analytical Science
- ▲ Protein Analysis
- ▲ Quality-by-design
- ▲ Quality/Regulatory/Compliance
- ▲ Raman Spectroscopy
- ▲ Sample Preparation
- ▲ Science Education
- ▲ Sensors
- ▲ Size Exclusion Chromatography
- ▲ Solid State Analysis
- ▲ Space Analytics
- ▲ Supercritical Fluid Chromatography
- ▲ Surface Science
- ▲ Very High-Pressure LC/
Ultra High-Pressure LC
- ▲ Vibrational Spectroscopy

The 2015 Eastern Analytical Symposium – Facts and Statistics

Table I

2015 Registration at a Glance

Total	2262
Full Conferee	1307
Exhibitor Personnel	516
Expo-Only	439

Table II

Employer Category of Those Attending the 2015 EAS

Category	Number
Total Responding	1397
Industry	854
Academic (Student)	333
Academic (Faculty)	78
Other	45
Government	34
Self-Employed	25
No Response	21
Retired	7

Table III

Primary Job Responsibility of Those Attending the 2015 EAS

Total Responding	1397
Chemist/Scientist	596
Student	318
Lab Manager	91
Sales/Marketing	82
Lab Director	55
No Response	53
Other	48
Instructor/Professor	42
Administration	39
Group Leader	39
Technician	29
Purchasing	5

Table IV

Primary Techniques/Interest of Those Attending the 2015 EAS*

Total Responses	2482
Chromatography – Liquid/High Pressure Liquid	485
Chromatography – General	325
Spectrometry – Mass	273
Chromatography – Gas	260
Spectroscopy – General	136
Spectroscopy – Infrared/Mid-infrared/Raman	121
Other	87
No Response	79
Lab Automation	72
Wet Chemistry	69
Microscopy	65
Spectroscopy – Magnetic Resonance	59
Spectroscopy – Ultraviolet/Visible	51
Laboratory Information Management	47
Chemometrics	45
Chromatography – Size Exclusion	35
Sampling	35
Surface Analysis	34
Spectroscopy – Atomic Absorption/Emission	33
Thermal Analysis	29
Chromatography – Ion	27
Electrochemistry	26
Spectroscopy – Fluorescence	22
Chromatography – Other	21
Capillary Zone Electrophoresis	20
Chromatography – Thin Layer	13
Electrophoresis	13

*Respondents could select a maximum of
two techniques/interests

Table V

Primary Applications of Those Attending the 2015 EAS

Total Responses	2953
Pharmaceutical Analysis	648
Lab Instrumentation	390
Biotechnology	276
Forensic Analysis	195
Environmental Analysis	188
Food Science	174
Education	173
Polymer Analysis	139
Flavors/Fragrances	137
Cosmetics	132
Process Analysis	111
ISO/GMP	92
No Response	92
Other	74
Microscale/Nanoscale Analysis	63
Hazard Analysis	55
Heritage Conservation	14



The Governing Board of EAS would like to thank the following sponsors for their support

Sponsors of the 2015 EAS Awards Program

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CEM Corporation
Cosa Xentaur

Corporate Sponsors actively participate in the Eastern Analytical Symposium and Exposition. There are numerous opportunities for Corporate Sponsorship of technical sessions, awards, and other activities at the 2016 EAS as well as advertising opportunities in our Final Program. For information, please contact the EAS Executive Secretary at askeas@eas.org

2016 EAS

November 14-16, 2016

Somerset, NJ

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Sheree Gold at easinfo@aol.com

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Bernadette Taylor at askeas@eas.org



IMPORTANT DATES

March 1	Abstract submission opens for contributed oral and poster abstracts
May 16	Abstract submission deadline for contributed oral abstracts
June 15	Presenters of invited presentations are contacted by email with Session schedules & instructions for the submission of final abstracts
July 1	Presenters of contributed oral presentations are contacted by email with session schedules and presentation guidelines
July 15	Registration opens
July 31	Deadline for receipt of final abstracts for invited presentations
Aug. 1	Preliminary Program posted on www.EAS.org
Sept. 12	Abstract submission deadline for contributed poster abstracts
Oct. 15	Deadline to register for 2016 EAS at a reduced price
Nov. 1	Deadline to cancel registration and still receive a refund
Nov. 14-16	55th Eastern Analytical Symposium & Exposition

How to contact us....

General Information

EAS Executive Secretary and Retort Editor
Eastern Analytical Symposium, Inc.

PO Box 185

Spring Lake, NJ 07762

Phone: 732-449-2280

Email: askeas@eas.org

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