

2nd Announcement and Call for Abstracts

INEF Penn State Conference 2013

A conference for the Environmental Forensics community

*The Pennsylvania State University, University Park, PA
June 10-12, 2013*

www.rsc.org/inef

Important Dates:

Registration Opens: 1 January, 2013
Abstracts Deadline: 25 March, 2013
Notification to Authors: 22 April, 2013
Camera Ready final Papers due: 27 May 2013

Program Chair:

Frank Dorman, *Penn State University*

Local Organizing Committee:

Jessica Westland, *Penn State University*
Cheri McConnell, *Penn State University*
Jack Cochran, *Restek Corporation*

Program Committee:

Stephen Mudge, *Exponent, UK*
Gwen O'Sullivan, *University of Plymouth*
Lorna Dawson, *McCauley Institute*
Angus Evers, *SJ Berwin*
Jeff Focant, *University of Liège*
Mike Fowler, *University of Portsmouth*
Jack Cochran, *Restek Corporation*
Alan Jeffrey, *Zymax Forensics*
Brian Murphy, *Exponent, USA*
Eric Reiner, *Ontario Ministry of the Environment*
Robert Morrison, *DPRA*
Gil Oudijk, *Triassic Technology Inc.*
Paul Philip, *University of Oklahoma*
Leo Rebele, *Gannett Fleming*
Illeana Rhodes, *Shell Global Solutions*
Court Sandau, *Chemistry Matters*
Susan Richardson, *USEPA*
Donald Patterson, *Exponent, USA*
Ken Scally, *Entrix*



“Old Main” on the campus of The Pennsylvania State University, founded in 1855

Overview

The International Network of Environmental Forensics (INEF) was founded in 2008 for the express purpose of providing a forum for scientists, environmental consultants, regulators and lawyers to share information regarding the use of environmental forensics. Environmental forensics is the use of scientific techniques to identify and apportion the source(s), age and timing of a contaminant into the environment. INEF is a non-profit, interest group within the Royal Society of Chemistry (RSC).

Following the success of the INEF Calgary conference in 2009 and the Cambridge conference in 2011, we are seeking papers for the 2013 Penn State University conference. The combination of plenary presentations, and oral and poster technical sessions will provide an opportunity for people of all experiences to learn from environmental forensics experts practicing and/or studying in this field. Presentations from speakers with “real world experience” are encouraged along with example case

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studies. In addition, we will host a full-day training course in Environmental Forensics targeted to scientists that wish to learn more about this area. This course will be taught by internationally-recognised leaders in the field.



The conference and short course will be held at the Hintz Center on the campus of Penn State

Technical Sessions, June 11-12, 2013

Two days of technical sessions will feature selected presentations on environmental forensics topics solicited from international leaders in the field. Selected speakers will submit manuscripts summarizing their papers that will be peer-reviewed prior to publication by the Royal Society of Chemistry. Copies of the proceedings will be provided to all conference attendees following the conference.

Due to current level of interest, a special session will be organized on the environmental forensics of hydraulic fracturing. As part of this session invited presentations are planned, in addition to open submissions, by key experts in this important area.

Short Course June 10, 2013

A preliminary full day environmental forensics course prior to the conference will include presentations of forensics geochemistry with an emphasis on petroleum hydrocarbons, chlorinated solvents, and organic compounds. Compound specific isotope analysis and the use of surrogate analysis in environmental forensics investigations are presented in detail. For a full agenda,

please consult the conference web site at: www.rsc.org/inef.

Call for Abstracts

The conference organizers invite prospective authors and presenters to consider submitting abstracts for oral, and poster presentations in all areas of environmental forensics. Topics of interest include but are not limited to:

- Forensics and issues of hydraulic fracturing
- Fingerprinting techniques to identify the source and age of a contaminant release
- Environmental litigation and law impacting forensics investigations
- Presenting complex environmental data in court – strategies to get the information across
- Forensics field investigations and surveys in terrestrial and marine environments
- Uses of remote sensing and aerial photography in forensics investigations
- Advanced forensic analytical techniques
- Quality assurance and quality control of analytical data
- International environmental forensics reference materials, standards, and new directives
- Application of microbiological techniques to identify the origin of a contaminant release
- Petroleum hydrocarbon fingerprinting and source identification in a marine environment
- Lessons-learned/update from the Gulf of Mexico Deepwater Horizon release
- Age dating techniques for oil, chlorinated solvents, dioxin/furans, radioactive materials and metals
- Contaminant transport modelling
- Visualization of forensic evidence
- Forensic statistics (PCA, PVA, etc.)
- Groundwater contamination, characterization and modelling
- Methodology for the rigorous analysis of forensics evidence
- Application of stable isotopes in forensics investigations

Selection will be based on the quality of the written submissions. Please see the detailed author guidelines on the INEF web site at www.rsc.org/inef.

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How to Submit

Submissions should be written from a strong technical background and should clearly demonstrate a familiarity with the related work and field. Abstracts will be no longer than one page in portrait layout. The title of the abstract should be as concise as possible and co-authors and affiliations listed. The use of figures, graphs and schemes is recommended where this aids the understanding of the text. Please send abstracts as an MS Word email attachment to Dr. Frank L. Dorman (fld3@psu.edu). Please include your full address and contact details of the main author and the presenting author in the mail and indicate whether you are submitting an oral or a poster presentation. Authors will be notified by April 22, 2013. Each accepted submission will be required to produce a final paper which will be published in conjunction with the Royal Society of Chemistry in a book format. The deadline for submission of final papers is May 27, 2013. Guidelines for production of the final paper will be provided along with notification of submission success.

Student Awards Program

INEF has an active student outreach program with the express purpose of encouraging students to pursue studies in environmental forensics. Student abstracts submitted for the conference as posters or for technical session presentations on an environmental forensics topic will be evaluated by a conference committee. Awards of \$1000, \$500 and \$250 (US) will be presented for three best student poster session abstracts or technical presentations. Students are encouraged to submit technical manuscripts for publication the RSC Conference Proceedings. Further details on submitting a student abstract may be found at www.rsc.org/inef.

Getting to the University

The campus of The Pennsylvania State University is an easy drive from many of the large Eastern US cities (for example: Philadelphia, Washington DC, New York, Baltimore, etc...). The University Park airport (Airport Code: SCE) is serviced by Delta, USAirways and United Airlines. Additional information on the University Park airport may be found here: <http://www.universityparkairport.com/>, rental cars and taxi cabs are available at the airport.

The Penn State Campus is just 6 miles from the airport.

Accommodations



Eastview Terrace at Penn State

On-campus accommodations will be at the Eastview Terrace facility, which is available for housing during the conference. Each single room includes a bed (36" x 80"), a desk with chair, a closet, a microwave and mini-refrigerator/freezer. All rooms have private bathroom facilities, including showers. There are also rooms available for disabled persons, please advise housing personnel when making reservations if you desire an ADA-compliant room.

Internet connection will be available in the rooms via wireless connection. The service is included in your registration fee. On-site parking is also available. Please indicate if you will need this option when you register.

The cost for a single room at Eastview Terrace will be \$63.00 USD per night, per person, and this includes a full buffet breakfast each morning in the Pollock Commons dining area.

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Pollock Commons Dining Area

Dining

Pollock Dining Commons is located on the second floor of Pollock Commons, next to Eastview Terrace. If staying in Eastview Terrace, breakfast at the Pollock Commons will be included in the accommodation fee.

All other conference breaks, lunches and dinners will be included as part of the conference registration fee.

Alternative Lodging

Alternative lodging is also available, should that be desired. The conference has not arranged room blocks. If you choose to reserve a room at a hotel there are a number of available choices. The three hotels closest to campus are:

- 1.) The on-campus Nittany Lion Inn: (<http://www.nittanylioninn.psu.edu/>)
- 2.) The Atherton Hotel: (<http://www.athertonhotel.net/>)
- 3.) The Days Inn - State College: (<http://www.daysinn.com/hotels/pennsylvania/state-college/days-inn-state-college/hotel-overview>).



Hintz Center at Penn State University

Getting Around - Campus Locations:

If staying on campus, the walk from Eastview Terrace or the Nittany Lion Inn to the Hintz Center is a short walk through the scenic campus of the Pennsylvania State University.

Registration Fees

Please note that registration and lodging fees for this conference are separate.

REGULAR ATTENDEE REGISTRATION FEES FOR INEF 2013^a (\$)

	Early-Bird ^b	Standard	On-Site ^d
Full, Short Course and Meeting ^c	500	600	700
INEF Meeting Only	350	400	450
Short Course Only	200	250	300

^a The Fee covers the short course/conference only, lodging is not included

^b Early-bird registration will be available up until February 22, 2013

^c RSC members will receive a 10% discount on registration

^d On-site registration will not have credit-card facilities

STUDENT ATTENDEE REGISTRATION FEES FOR INEF 2013^a (\$)

	Early-Bird ^b	Standard	On-Site ^d
Full, Short Course and Meeting ^c	350	450	550
INEF Meeting Only	250	300	350
Short Course Only	150	200	250

^a The Fee covers the short course/conference only, lodging is not included

^b Early-bird registration will be available up until February 22, 2013

^c RSC members will receive a 10% discount on registration

^d On-site registration will not have credit-card facilities

LODGING FEES FOR INEF 2013^e (\$)

Payable Directly to Penn State University. Reserve by calling +1 (814) 865-0079:

Room Fee/night (includes breakfast)	62
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^e The Fee covers nightly lodging and breakfast only, and does not include registration or accessibility to the conference functions