



SUNDAY, July 24, 2011	
16:00-18:30	Conference Registration
19:30-21:00	Dinner and Social Mixer
MONDAY, July 25, 2011	
BREAKFAST AND REGISTRATION	
7:30-9:00	
9:00-9:05	Welcome and Introduction – Steve Mudge, Exponent, UK
9:05-9:10	Keynote Speakers-Introduction – Gwen O’Sullivan, University of Plymouth, UK
9:10-10:00	Forensic Challenges from Exxon Valdez to Deepwater Horizon Paul Boehm, Exponent, USA.
10:00-10:30	COFFEE/REFRESHMENT BREAK
BREAK OUT PLENARY SESSIONS	
	ROOM A Petroleum Hydrocarbons Moderator – Brian Murphy
	ROOM B Environmental Litigation Moderator – Frank Dorman
10:30-11:00	Fingerprinting Crude Oil Spills, From Los Angeles to Deepwater Horizon Alan Jeffrey, Zymax Forensics, California, USA
11:00-11:30	New Methods and Concepts in Environmental Forensics Gil Oudijk, Triassic Technology, Inc., New Jersey USA
11:30-12:00	Forensic Fingerprinting and Source Identification of the 2009 Site X (Ontario) Oil Spill Zhendi Wang, Environment Canada, Ontario, Canada
12:00-1:00	LUNCH
	ROOM A Petroleum Hydrocarbons Moderator- Gil Oudijk
	ROOM B Persistent Organic Pollutants and Emerging Contaminants Moderator – Court Sandau
1:00-1:30	Sources of Petroleum Pollution: New Dimension of Hopane Mahyar Sakari, University Malaysia, Sabah, Malaysia
1:30-2:00	Application of Solid Phase Extraction Cartridges (SPE) and Programmable Temperature Vaporization Large Volume Injection (PTV-LVI) Coupled to Gas Chromatography-Mass Spectrometry (GC-MS) in Oil Fingerprinting Analysis Chun Yang, Environment Canada, Ontario, Canada
2:00-2:30	An Objective Method for Comparing Unresolved Complex Mixture (UCM) ‘Humps’ in Gas Chromatograms of Hydrocarbon Extracts from Soils Polluted with Petroleum Products Robert W. Mayes, The James Hutton Institute, Aberdeen, UK
2:30-3:00	Next Generation Chemical Fingerprinting: Case Study of Coal Tar from Manufactured Gas Plants Laura M’Gregor, University of Strathclyde, Glasgow, UK
3:00-3:30	COFFEE/REFRESHMENT BREAK
	ROOM A Petroleum Hydrocarbons Moderator- Mahyar Sakari
	ROOM B Air Quality Moderator- Mike Fowler
3:30-4:00	High Resolution Site Characterization and Integration with Environmental Forensics Ileana Rhodes, Shell Global Solutions (US) Inc., Texas, USA
4:00-4:30	Comprehensive Chemical Fingerprints of the Effects of Weathering on Coal Tar DNAPLs and Coal Tar Contaminated Soil Samples Caroline Gauchotte, University of Strathclyde, Glasgow, UK
4:30-5:00	Investigation of polycyclic Aromatic Hydrocarbons and Selected Nitrated Derivatives Concentrations in Greater Cairo, Egypt Hossam F. Nassar, Kanazawa University, Kanazawa, Japan
5:00-5:30	Distributions of PAHs Across the Soils of Scotland Lorna Dawson, The James Hutton Institute, Aberdeen, UK
5:30	ADJOURN
5:30-7:00	LAWN GAMES (Bowling and Croquet) and SOCIAL MIXER
7:30-9:00	DINNER



TUESDAY, July 26, 2011	
7:30-9:00	BREAKFAST
	<p>ROOM A Petroleum Hydrocarbons Moderator – Chun Yang</p> <p>ROOM B Air Quality Moderator – Ileana Rhodes</p>
9:00-9:30	<p>Environmental Forensic Investigation of Composition of Hydraulic Fracturing Fluids Used in Gas-Well Drilling in the US Frank Dorman, The Pennsylvania State University, USA</p> <p>Differentiation of VOCs Sources in Residential Air by CSIA for Vapor Intrusion Management Tomasz Kuder, University of Oklahoma, Oklahoma, USA</p>
9:30-10:00	<p>Fingerprinting of Gas Contaminated Groundwater and Soil in Petroloferous Regions, Alberta, Canada Karlis Muehlenbachs, University of Alberta, Edmonton, Canada</p> <p>Sub-soil TO15 Volatile Organic Compound (VOC) Vapour Intrusion Analysis Ken Scally, Jones Environmental Forensics Ltd., Deeside, UK</p>
10:00-10:30	<p>Gasoline Differentiation in Water Table Free Product in a Neighborhood of Mexico City David Flores, Instituto Mexicano del Petróleo, Distrito Fedetral, México</p> <p>Change of Atmospheric Polycyclic Aromatic Hydrocarbons and Nitropolycyclic Aromatic Hydrocarbons in Last 12 Years of Kanazawa, Japan Kazuichi Hayakawa, Kanazawa University, Kanazawa City, Japan</p>
10:30-11:00	COFFEE/REFRESHMENT BREAK
	<p>ROOM A Refined Products Moderator – Claudio Bravo-Linares</p> <p>ROOM B Stable Isotopes Moderator – Ken Scally</p>
11:00-11:30	<p>Mass Balance Methods for Retail Gasoline Outlets Brian Murphy, Exponent, Sarasota, Florida, USA</p> <p>Stable Isotopes in Environmental Forensics-Past Present and Future Paul Philip, University of Oklahoma, Oklahoma, USA</p>
11:30-12:00	<p>Resolution of a Comingled LNAPL Plume to Address Concern on Potential MTBE Release Jun Lu, AECOM, Long Beach, California, USA</p> <p>Advanced Site Investigations with 3D-CSIA Approach Reveal Multiple Sources Yi Wang, Zymax Forensics, California, USA</p>
12:00-12:30	<p>Application of Compound-Specific Isotope Analysis in Studies of MTBE Remediation Tomasz Kuder, University of Oklahoma, Oklahoma, USA</p> <p>Tracing Plant Inputs to Sediments: A Combined Isotopic and Molecular Forensic Approach Yvette Eley, University of East Anglia, Norwich, UK</p>
12:30-13:00	<p>Phyto-screening and Dendrochemistry Chris Balouet, Environment International, France</p> <p>Isocaping Soil Carbonate Across Northern Ireland Neil Ogle, Queen's University of Belfast, Belfast, UK</p>
13:00-2:00	LUNCH
	<p>ROOM A Contaminated Land Moderator – Jun Lu</p> <p>ROOM B Mine Sites Moderator – Kazuichi Hayakawa</p>
2:00-2:30	<p>Application of Environmental Forensic Techniques Russell Thomas, Parsons Brinckerhoff, Bristol, UK</p> <p>Discriminating Between Background and Mine Impacted Groundwater at the Phoenix Mine, Nevada USA Andy Davis, Geomega, Boulder, Colorado, USA</p>
2:30-3:00	<p>A Forensic Approach to Evaluating Sources and Relative Ages of Free Product and Chlorinated Solvents at a Commingled Plume Site in Support of Cleanup Cost Recovery Litigation Leo M. Rebele, Gannett Fleming, Inc., California, USA</p> <p>Quantitative Mapping of the Environmental Impact of Hazardous Waste Derived from Mine Sites Using an Airborne Hyperspectral and LIDAR Remote Sensing Graham Ferrier, University of Hull, Hull, UK</p>
3:00-3:30	<p>Carbon Disulphide - Contaminant or Biogenic Compound? Marcus Trett, Physalia Limited Consultant & Forensic Ecologists, Harpenden, UK</p> <p>Integrated Methods for Source Apportionment Steve Mudge, Exponent, UK</p>
3:30-4:00	COFFEE/REFRESHMENT BREAK
	WORKSHOPS
4:00-5:30	<p>ROOM A Source Apportionment of Industrial Fugitive Dusts: Developments in Passive Dust Monitoring Hugh Datson (DustScan Ltd), Mike Fowler (University of Portsmouth), and Ben Williams (DustScan Ltd)</p> <p>ROOM B Utilization of Stable Isotopes in Environmental and Forensic Geochemistry Studies. Paul Philip (University of Oklahoma)</p>
5:30	ADJOURN

WEDNESDAY, July 27, 2011	
7:30-9:00	BREAKFAST
9:00-10:30	<p>ROOM A Multidimensional GC*GC Fingerprinting for Environmental and Biological Forensics Donald G. Patterson (Exponent), Court Sandau (Trium Inc.), Jeff Focant (University of Liège)</p> <p>ROOM B Chlorinated Solvents: A Forensic History of Degreasing and Dry Cleaning Robert Morrison (DPRA) and Brian Murphy (Exponent)</p>
10:30-11:00	REFRESHMENT BREAK
11:00-12:30	<p>ROOM A Legal Sampling and Data Validation for Environmental Litigation Court Sandau (Trium Inc) and Gwen O'Sullivan (University of Plymouth)</p> <p>ROOM B Chlorinated Solvent Releases: CSIA Case Studies Yi Wang and Alan Jeffrey (Zymax Forensics)</p>
12:30	CONFERENCE ADJOURN FOLLOWED BY PUNTING AND LAWN PICNIC