


# Petroleum Basins of Sub-Saharan Africa

2 September 2015 • Business Design Centre, Islington, London

A wide-angle photograph of a vast, arid desert landscape with rolling hills and sparse vegetation under a clear sky.

**Registration now open online**

£270

*There are a limited number of discounted places for students and those who have been made unemployed please contact [events@pesgb.org.uk](mailto:events@pesgb.org.uk) for further information.*

*Meals provided.  
Bring coloured pencils and stationery.*

*If you wish to sponsor this event please contact [events@pesgb.org.uk](mailto:events@pesgb.org.uk)*

This one-day course presented by Duncan MacGregor, in conjunction with The 14th PESGB/HGS Conference on African E&P but available for separate registration, aims to provide an overview of the tectonic, climatic and topographic controls exerted on Sub-Saharan petroleum systems and resulting hydrocarbon distribution. The course will concentrate on two main settings, rifts and deepwater turbidite plays, examining the various influences on charge and reservoir in these settings. Short exercises on play cross-sections and petroleum systems charts will be used to segment the lectures on each set of basins, ordered as follows:

**Overviews** – Plate and Intraplate Tectonic History, Petroleum Systems, Play Development and Exploration History

**Interior Basins**

**Rifts** – Karroo, Jurassic, Cretaceous, Neogene

**Marginal and Deepwater Plays** – SW Africa, Equatorial Margin, NW Africa, East Africa

**Target Audience** : young geoscientists working on Africa and experienced staff working within licences and requiring a regional overview or refresher.

# PESGB

*'To promote for the public benefit, education in the scientific and technical aspects of petroleum exploration'*



## The 14<sup>th</sup> PESGB/HGS Conference on African E & P

*"Always Something New Coming Out of Africa"*

3-4 September 2015 • Business Design Centre, Islington, London

### Registration now open

Member £385

Non Member £435

*There will be a limited number of discounted places for those who have been made unemployed. Please contact [events@pesgb.org.uk](mailto:events@pesgb.org.uk) to apply.*

This annual conference, alternating between London and Houston has established itself as the primary technical E & P conference on Africa, with attendances in recent years reaching over 600, including operators, consultants, governments and academia. There will be a large poster programme in addition to the oral programme of about 35 high quality talks covering E & P in all regions of Africa.

The main conference committee for the 2015 London event will include Ray Bate (Chairman), Duncan Macgregor, Richard Dixon, Kevin Dale, Sean Akinwale and Ian Poyntz.

Once again the PESGB will be recognising the best technical contributions with its prestigious awards, made by a respected panel of industry judges. The presentation ceremony will take place at the conference close. Awards will be made for

- Best Student Poster
- Best Poster
- Best Oral Paper

Anyone interested in volunteering to be a judge please email [events@pesgb.org.uk](mailto:events@pesgb.org.uk)

For sponsorship opportunities, visit the website or email [events@pesgb.org.uk](mailto:events@pesgb.org.uk)



PESGB, 7th Floor, No.1 Croydon,  
12-16 Addiscombe Road, Croydon, CR0 0XT

[www.pesgb.org.uk](http://www.pesgb.org.uk)





All prices are plus VAT

## Sponsorship Opportunities

<b>Evening Reception</b> <i>The evening reception takes place on the first official day of the conference, and is a central point in the conference's social programme. To thank you for your sponsorship your logo will be included on signage throughout the event, including on the drink points.</i>	<b>£4,000</b>
<b>Technical Sessions</b> <i>Your logo will be included on the stage set in the conference area, this ensures high coverage as it will be highly visible throughout the technical conference.</i>	<b>£4,000</b>
<b>Evening Lecture</b> <i>Attended by delegates from the Africa conference, as well as the PESGB membership as part of the PESGB's famous monthly Evening Lectures. Your logo will be included in the conference area, in addition to signage throughout the drinks reception.</i>	<b>£3,000</b>
<b>International Pavilion</b> <i>The International Pavilion is a focal point on the exhibition floor and as its sponsor your logo would be prominently displayed both in this high profile area and in the specific section of the Exhibition Catalogue.</i>	<b>£3,000</b>
<b>Sponsored Student Places</b> <i>We would like to provide free &amp; discounted places to those students who are attending or presenting posters at the show. As their sponsor you will be supporting the future of the industry, you will be thanked and have your logo included in the exhibition catalogue.</i>	<b>£2,000</b>
<b>Funded Speakers</b> <i>The Africa conference is committed to providing the most rigorous and cutting edge talks, and as such we fund some speakers who would otherwise be unable to attend. As their sponsor you would be thanked in the abstract volume.</i>	<b>£2,000</b>
<b>Catering</b> <i>Tea &amp; coffee is always a vital part of any conference, and as its sponsor your logo will be included on signage thanking you for your support on all of the catering stations.</i>	<b>£1,500 per day</b>
<b>Speaker Gifts</b> <i>Get your logo on the gifts which are given out to all of the high profile industry speakers at the Africa conference.</i>	<b>£1,000</b>
<b>Petroleum Basins of Sub-Saharan Africa</b>	<b>£1,000</b>
<b>General Sponsorship</b>	<b>£500 minimum</b>

In all cases the supporting company would get its logo on all of the adverts in the PESGB magazine prior to the event, which has a circulation of over 6,000 people. Your logo would also be included on the PESGB website including a link to a page of your choice, on sponsor signage at the event and in the Abstract Volume.

If you would like to become a sponsor, need any further information or have any ideas that aren't included in this list please contact [events@pesgb.org.uk](mailto:events@pesgb.org.uk). We advise getting in contact soon to ensure that you get the most coverage prior to the event and don't miss out as items will be allocated on a first come, first served basis!

**To help you make the most of your sponsorship and promote your involvement if you book three adverts in the PESGB magazine receive a 25% discount.**



## Conference Programme

### Thursday 3 September

8.30	<b>Registration &amp; Coffee</b>	
9.20	<b>Welcome and Introduction</b>	H. Wilson, PESGB President
<b>Session 1: New Exploration Hotspots, Discoveries and Prospects</b> <i>Session Chairs : Harry Davis (Delonex), Raymond Komori (Sasol)</i>		
9.30	<b>Keynote : Exploration in Africa in a Low Oil Price Environment – Does it Make Sense?</b>	J. Austin, OMV
9.55	<b>Keynote : Applying Geoscience Technologies for Successful Exploration in Africa</b>	A. Milne, Shell
10.20	<b>Keynote : East Africa Rift Exploration: What Worked; What Didn't and Future Challenges</b>	I. Cloke, Tullow Oil
10.45	<b>Coffee &amp; Poster Presentations</b>	
11.15	<b>Keynote : Major New Discoveries off Senegal: The Opening of an Unexplored Deepwater Margin and the Discovery of Two New Play Types</b>	J. Clayburn et al, Cairn Energy
11.40	<b>Exploration History of the Kwanza Basin</b>	N. Adams, BP
12.05	<b>The Aptian Potential of the South Atlantic Margins</b>	P. Birch et al, Impact Oil and Gas
12.30	<b>Lunch &amp; Poster Presentations</b>	
<b>Session 2: New Kitchens : Geodynamics and Heat Flow Modelling</b> <i>Session Chairs : Helen Doran (Ophir), Julian Moore (BP)</i>		
13.45	<b>Keynote : Seismic Imaging of African Crust and Mantle and the Driving Forces for Basins and Plateau Topography : Results from Africa Array</b>	A. Nyblade, PennState University
14.10	<b>Thermal History and Hydrocarbon Charge in the East African Rift System: The South Lokichar Basin, Kenya</b>	G. Kuper, Tullow Oil
14.35	<b>New Constraints on the Early Evolution of the South Atlantic Basin as Revealed by Recently Acquired Magnetic, Gravity and Seismic Reflection Data</b>	P. Towle et al., Anadarko
15.00	<b>Coffee &amp; Poster Presentations</b>	
15.30	<b>Keynote : Key Factors Controlling the Thermal History of Transform Margins</b>	M. Nemcook et al, EGI
15.55	<b>3D Seismic Stratigraphic Analysis of Sedimentation and Fluid Flow on the Nigeria Transform Margin</b>	O. Olobayo et al, Univ. of Manchester
16.20	<b>New Gravity Data Helps Define the Indian Ocean Spreading Ridge and Crustal Boundaries Offshore East Africa</b>	I. Davison et al, Geo International
16.45	<b>Kenya Ultra Deep Water : COB Definition with an Inverse Modelling Methodology</b>	M. Biancone et al, ENI
17.10	<b>Insight into the East Coast of Africa from a New Tectonic Model of the Indian Ocean</b>	C. Reeves et al, Earthworks
17.40	<b>Evening Reception</b>	

# The 14<sup>th</sup> PESGB/HGS Conference on African E & P

“Always Something New Coming Out of Africa”

3-4 September 2015 • Business Design Centre, Islington, London

## PESGB Evening Lecture

Open to all members and registrants, will be given by K. Myers, Richmond Energy Partners on the subject of ‘A Review of Frontier Exploration in Africa since the Discovery of the Jubilee Field’ from 18.30 on Wednesday 2 September.

### Friday 4 September

8.30 **Registration & Coffee**

#### Session 3: New Insights on Trap Types and Reservoir Geometries

Session Chairs; Jerry Jarvis (Tullow), Vincent Mashaba (Sasol)

9.00	<b>Understanding the Pressure Regimes along the West Africa Margin and their Implications for Prospectivity</b>	S. O'Connor, Ikon Geopressure
9.25	<b>The Importance of Inherited Structural Fabrics on the Evolution of the MSGBC Basin and its Implications for an Underachieving Petroleum Province</b>	R. Cowan, Tullow Oil
9.50	<b>Reservoir Consequences of Deposition Near a Large Igneous Province: A Comparison of the Senegal-Guinea Bissau Margin with Volcanically-Influenced Equatorial and South Atlantic Basins</b>	A McAfee, Core Labs
10.15	<b>Ntomme Field, Offshore Ghana - Unravelling Puzzling Geometries</b>	C McFerran, Tullow Oil

10.40 **Coffee & Poster Presentations**

11.10	<b>The Pande Gas Fields Complex in the South Mozambique Basin, a Case History</b>	K. Dale et al., Sasol
11.35	<b>Mzia: A Different Kettle of Fish - Finding, Appraising and Developing a Shy Giant</b>	N. Pike et al, BG Group
12.00	<b>The Meleiha Concession in the Western Desert - from Emry Deep Oil Discovery to Innovative Exploration Concepts</b>	G. Serafini et al., ENI

12.25 **Lunch & Poster Presentations**

#### Session 4: New Reservoirs: African Carbonates in Time and Space

Session Chairs : Fabio Lottaroli (ENI), Ian Poyntz (HGS)

13.45	<b>Keynote : Depositional Geometry and Facies Variability of Non-Marine Carbonates in Rift Basins</b>	G. Della Porta, University of Milan
14.10	<b>Pre and Post Salt Tectono-Stratigraphic Evolution of the Onshore Namibe-Benguela-Kwanza Basins, Angola</b>	I. Sharp, Statoil
14.35	<b>Depositional Models and Reservoir Quality Variation in Cretaceous Travertines, Onshore Namibe Basin, Angola</b>	R. Dixon et al, BP
15.00	<b>Coffee &amp; Poster Presentations</b>	
15.30	<b>The Evolution of the South Atlantic Lacustrine Deposits in Response to Early Cretaceous Rifting, Subsidence and Lake Hydrology</b>	T. Sabato Ceraldi et al, BP
15.55	<b>Neocomian Carbonates in Mauritania : Play Opening Potential and Regional Implications</b>	A. Jamil et al, Tullow Oil
16.20	<b>Prospectivity of Miocene carbonates in the Lamu Basin, offshore Kenya: insights from the Sunbird-1 well</b>	S. Beavington-Penney et al , BG Group
16.45	<b>Awards Ceremony</b>	
17.00	<b>Closing Address and Invitation to Houston, 2016</b>	I. Poyntz, HGS



# Seismic Workshop Programme

Day 1		
9.20	Chairman's Welcome and Introduction	P. Coole, PGS
9.30	De-Risking Source Rocks and Plays, Offshore Namibian Margin	A. Intawong et al. Spectrum Multi-Client UK
10.25	Insight into Ivory Coast's Deep Water Petroleum Geology and Characterisation of the Trapping Mechanisms with Support from 3D Broadband Seismic	J. Martin, G. Duval, CGG
11.10	Integrated Regional Seismic Interpretation of the West Indian Ocean and its Implications for the Deep Water Plays of East Africa	K. McDermott, ION Geophysical et al.
11.55	Structure and Stratigraphy of Offshore Somalia Revealed by New Regional 2D Seismic	L.M. Davidson, RPS Energy et al.
12.35	<b>Lunch</b>	
13.45	Exploration Potential Along the African Equatorial Transform Margin: Offshore Cote d'Ivoire	P. Coole, PGS
14.30	Hydrocarbon Potential Across the Rovuma Basin – Can We Extend the Success Story for Rovuma into Ultra-Deep Water?	O. Osicki, Schlumberger et al.
15.10	<b>Break</b>	
15.30	Prospectivity of the Deepwater Kwanza Basin, Angola, with Analogues from Brazil	C. O'Reilly, TGS, et al.
Day 2		
9.00	Prospectivity of the Deepwater Kwanza Basin, Angola, with Analogues from Brazil	C. O'Reilly, TGS, et al.
9.45	Hydrocarbon Potential Across the Rovuma Basin – Can We Extend the Success Story for Rovuma into Ultra-Deep Water?	O. Osicki, Schlumberger et al.
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## Registration Form

To register please return the completed form along with the payment to Bethany Parkinson at [events@pesgb.org.uk](mailto:events@pesgb.org.uk) or PESGB 7th Floor, No1 Croydon, 12-16 Addiscombe Road, Croydon, CR0 0XT. Tickets will be issued on a first come, first served basis.

Name/s: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 Telephone No: \_\_\_\_\_  
 Email: \_\_\_\_\_  
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### Registration Rates

Registration rates available until the 28th August, and are subject to availability.

Member: £385  
 Non-member: £435

*NB. Members include: PESGB/HGS/SPE/Geological Society. Registration fee includes all refreshments, lunch, evening reception 3 September, abstract volume & CD. There are a limited number of discounted places for those who have been made unemployed. Please contact [events@pesgb.org.uk](mailto:events@pesgb.org.uk) to apply*

### Method of Payment

I wish to pay by:  Cheque  Credit/Debit Card  
 (Please tick) Please make cheques payable to PESGB NB We cannot accept AMEX cards  
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*By returning this form you are agreeing to the full terms and conditions as detailed at <http://pesgb.org.uk/pesgb/pages/news-and-events/events/terms-and-conditions> in particular please note that The PESGB is unable to refund any cancellations made within six weeks of an event or activity taking place. Please keep a copy of this form for your records.*



## POSTER SESSION 1 : GEODYNAMICS

<b>Progressive Development Through Time of the East African Rift System</b>	D.Macgregor, MacGeology
<b>Reading Between the Lines: Integrating Satellite Mapping with Geophysical Data to Assess Regional Structure in the EARS</b>	S. Breed, R. Edwards, M. Oehlers, CGG
<b>The Crustal Nature of the Southern Mozambique Channel between Madagascar and Mozambique (i.e the Central Mozambique Channel Basin) and Observations Concerning its Petroleum Potential</b>	Y.Bassias, Amphore Energy Inc. T. Christoffersen, Spec Partners & G. Roberts, Spec Partners
<b>Uplift and Erosion of Davie Ridge</b>	Y. Bassias, Amphore Energy Inc. & R. Bertagne, Marex Inc.
<b>Gravity Modelling of the Beira High, Angoche and Rovuma Margins, Mozambique</b>	T. Ferriday & G. Firpo, ERCL
<b>Implication of Salt Tectonics in Defining Turbidite Lead Potential in the Lower Congo Basin</b>	S. Tewari, D. Rathee, H. Povey & T. Khussovich, Schlumberger

## POSTER SESSION 2 : RESERVOIR MODELS

<b>Controls on Sediment Delivery into the Offshore Morocco Deepwater Passive Margin Basin: An Integrated Study to Assess Reservoir Distribution and Quality</b>	J. Redfern, University of Manchester, et al.
<b>Controls on Stratigraphic Development and Reservoir Distribution of Shelf Margin Carbonates: Jurassic Atlantic Margin - Western Morocco</b>	A. Duval-Arnould, A. Habid, J. Redfern, S. Schröder, University of Manchester
<b>Regional Tectonostratigraphy of the Pre-Salt in the Benguela-Namibe Basins, Angola</b>	N. Rochelle Bates, University of Manchester, et al.
<b>Incised Valleys in the Synrift Section of Benin Offshore</b>	R. Matos & H. van den Brink, Petrobras Oil & Gas
<b>Provenance Assessment of Hinterland Sources for Clastic Sediments in East Africa</b>	I. Sevastjanova, P. Markwick, A. Quallington, M. Harland & L. Wilson, Getech
<b>Application of Ground Magnetometry Techniques for the Identification of Compartmentalisation in the Tsimiroro Oil Field, Morondava Basin, Madagascar</b>	G. Firpo, ERCL, et al.
<b>Morondava Basin, Offshore Madagascar – Observations from Modern Seismic Data on the Nature and Hydrocarbon Potential of the Cretaceous Reefs</b>	G. Roberts, T. Christoffersen, Spec Partners Ltd & X. Jingwei, BGP Multi Client
<b>A New Provenance Tool for the Exploration of Unconventional Plays: The Provenance and Mineralogy of Silt</b>	L. Caracciolo, M. Barbarano, T. Stone & R. McCabe, Chemostrat Ltd.
<b>Using Varied Seismic Datasets for Shallow Section Mapping and Geohazards Investigation in the African Deep Water</b>	R. Salisbury, Fugro GeoConsulting Ltd.
<b>Understanding Naturally Fractured and Weathered Basement Opportunities in Africa</b>	T. Koning, Gaffney, Cline & Associates



# The 14<sup>th</sup> PESGB/HGS Conference on African E & P

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## Poster Session

A number of further poster exhibits have been reserved for students, including those about to graduate or who have just graduated. Students who display a poster are given free entry to the conference. There is also an award for best student presentation. This is an ideal opportunity to display your developing skills to, amongst others, potential employers. To submit, please send an abstract to [events@pesgb.org.uk](mailto:events@pesgb.org.uk)

### POSTER SESSION 3 : PETROLEUM SYSTEMS AND PROVINCES

<b>Angola's Oil Industry - A Century of Progress in Exploration and Production Since First Drilling in 1915</b>	T. Koning, Gaffney, Cline & Associates
<b>Overburden Plumbing Systems and Seafloor Seepage Analysis in Deep Water Offshore Southern Angola</b>	D. Cox, & M. Huuse, University of Manchester
<b>The Interior Basins of Angola: Establishing Prospectivity in a True Frontier Area</b>	A. Quallington, Getech Group plc, et al.
<b>Hydrocarbon Habitat of the Jifarah Arch, NW Libya</b>	D. Boote et al.
<b>Stratigraphic and Combined Strat./Structural Traps, Libya's Future of Immense Untapped Hydrocarbon Reserves in Onshore and Offshore Basins</b>	T. Barsoum, Exploration & Development Consultants
<b>Salt Province and Outer Margin Related Petroleum Systems Modeling, Offshore Essaouira, Atlantic Margin Of Morocco</b>	M. Neumaier, & V. Sachse, Aachen University, et al.
<b>Potential Source Rocks from the Onshore Tarfaya Basin, Morocco</b>	V. Sachse, B. Ghassal & R. Littke, Aachen University
<b>Understanding the Hydrocarbon Prospectivity of the North West Africa Atlantic Margin (NWAAM) Basins using Polarcus Multi-Client Broadband 3D Seismic Surveys</b>	I. Collins, Polarcus
<b>Unravelling the Lower Jurassic and Cretaceous Petroleum Systems within the Diender Block, north east of Dakar.</b>	A. Carr, Global Exploration Services Ltd.
<b>Source Rock Characteristics and Facies Variation in South Lokichar Basin - Implications for Basin Modelling</b>	R.Haberer & G. Kuper, Tullow Oil
<b>Scouting for Oil: Petroleum Systems in the Offshore Lamu Basin, Kenya</b>	O. Osicki, D. Rathee, & D. Kornpohl, Schlumberger
<b>Mozambique: Where's All the Gas Coming From?</b>	D. Johnstone & S. Lawrence, ERCL
<b>A Focus on Geological Fundamentals to Define New Prospects</b>	M. Taylor, Chariot
<b>Developments in the Integration of Seismic and Gravity Measurements for Subsalt Exploration: A Case History from West Africa</b>	C. Husband & N. Dyer, ARKeX
<b>Hydrocarbon Prospectivity Analysis of the Joint Development Zone (JDZ)</b>	M. Tamannai, Petroleum Geo-Services

# PESGB

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## Exhibition Floorplan

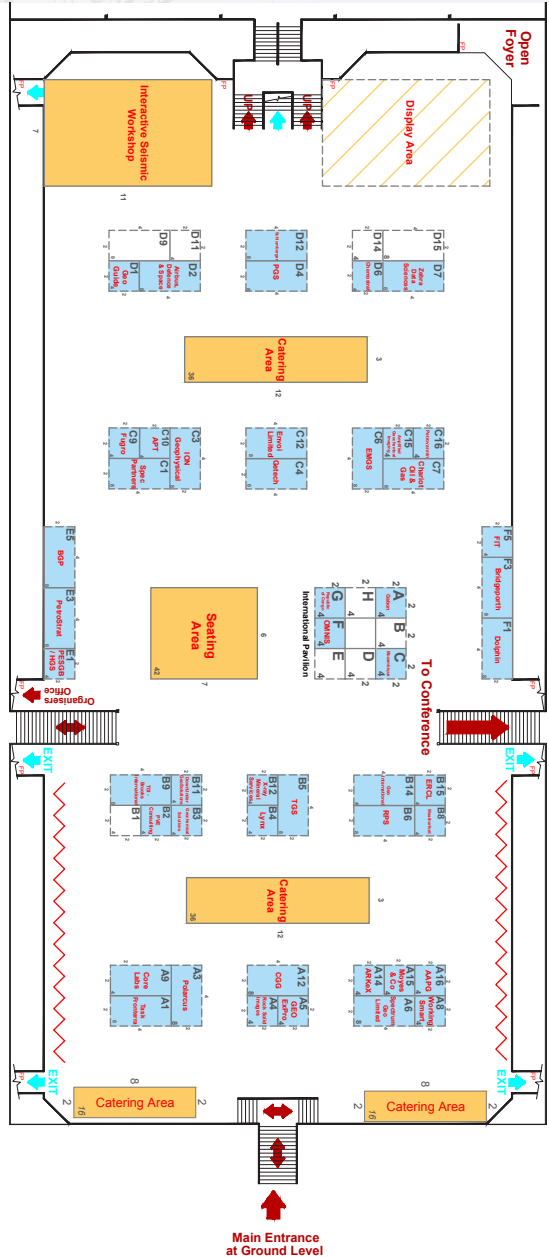


Image courtesy of © Sasol

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## Exhibition Booth Booking Form

Name/s: \_\_\_\_\_  
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Booth Description and Cost: (each company may apply for up to a maximum of two 4sqm booth units) All booths are a Shell Scheme System, incl. fascia board with company name & booth no. and booth/carpet cleaning.

Booth type	Description
4sqm all inclusive £900 + VAT	Electrical: 2 spot lights, 1 electrical socket Furniture: 1 table, 2 chairs, 1 cupboard One complimentary registration
8sqm all inclusive £1,680 + VAT	Electrical: 3 spot lights, 1 electrical socket Furniture: 1 table, 3 chairs, 1 cupboard Two complimentary registrations

There are also a limited number of 16sqm booths available, if you would be interested in this exclusive opportunity please contact the team directly at [Bethany@pesgb.org.uk](mailto:Bethany@pesgb.org.uk) or 0207 408 2000

Booth No. 1st Choice \_\_\_\_\_ Booth No. 2nd Choice \_\_\_\_\_  
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We accept all terms and cancellation clauses as set out in the Terms & Conditions (request a copy from the PESGB office or view online at [www.pesgb.org.uk](http://www.pesgb.org.uk)):

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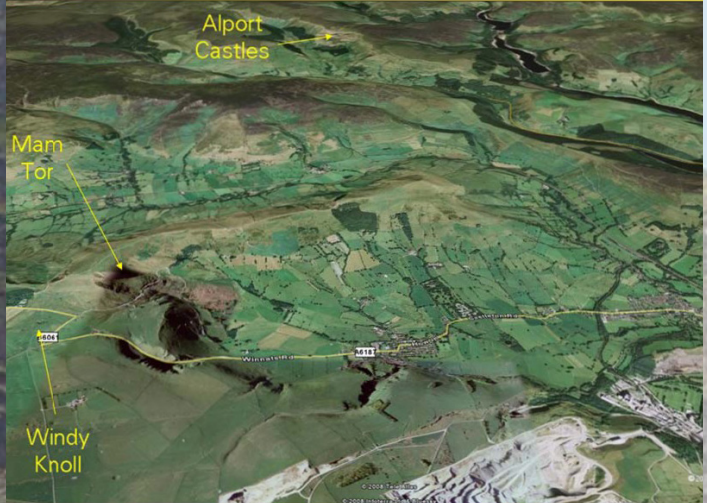
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Booth rental contracts/booking forms must be accompanied by full payment, made payable to PESGB. If payment is fourteen days in arrears (whether demanded or not) the contract may at any time thereafter be terminated forthwith by notice in writing from PESGB to the exhibitor. The PESGB reserves the right to cancel or terminate this contract at any time and to withhold possession of exhibition booth space if the Lessee fails to perform any condition of this contract or fails to abide by the rules and regulations for exhibitors at The Business Design Centre. For any cancellations made by the Lessee, before 5 August 2015, exhibit space rental fees paid hereunder by the Lessee will be refunded by PESGB only provided the cancelled space(s) can be resold and all other exhibition space in all the exhibition area within The Business Design Centre rented by PESGB are also sold. Refunds will be processed after the event less a 10% administrative charge. Cancellations received after 5 August 2015 but before 26 August 2015 a 50% penalty charge will be applied. Cancellations received after 26 August 2015 the Lessee shall forfeit full cost of booth payment. PESGB will attempt to place exhibitors in their preferred positions, but reserves the right to change stand locations or specifications at any time. Apart from the items listed on the booth booking form, the shell scheme booths do not include any additional electrics, furniture, telephones, compressed air, water, etc. All such equipment and services are available for hire, please contact Ben King in the first instance. All charges for such rental will be charged to and must be paid directly by the exhibitor. The exhibitor will indemnify the organisers and PESGB against all costs, claims, demands, actions, expenses, damages, penalties or proceedings, arising out of or in any way connected with, the exhibitor's occupancy and use of the exhibition premises or any part thereof including without limitation loss of life, personal injury and damage to property. Exhibitors will be required to meet the cost of making good any damage to floors, walls, structures, shell, booth and accessories. Exhibitors will also be required to abide by all the rules and regulations relating to PESGB occupancy i.e. hours and tenancy at The Business Design Centre and to make good any costs relating to additional hours required for their particular booth occupancy. PESGB, and PESGB subcontractors, the exhibition venue, or any staff member will not be held responsible for the safety of the property of the exhibitor, including any stand fittings or fixtures or furniture, etc. from theft, damage caused by fire, accident, flood, weather, accident or any other cause. PESGB and the contractors and subcontractors of PESGB will not be liable for any consequential or indirect losses howsoever arising and from any cause whatsoever. Exhibitors are responsible for their own insurance and third party liability minimum insurance cover will be required. The exhibitor agrees to adhere to and be bound by all applicable fire and building codes and regulations stipulated by the venue, local Council or PESGB. Exhibitors may not sublet, subdivide or reassign booths without the express written permission of PESGB. Any exhibitor requests regarding subletting, subdividing or reassigning booths must be put in writing to PESGB, with at least one month's notice of such a proposed action. If permission is granted, only the prime exhibitor's company name will appear on the shell scheme fascia board. Exhibitors may not engage in any promotional activity outside the confines of their own rented areas without prior written permission from PESGB. Exhibitors may not use their booth for any purpose which is deemed unsuitable by the venue, organisers or PESGB. The exhibitor agrees to be bound by this agreement, and the rules and regulations for exhibiting at The Business Design Centre.

# North Derbyshire Field Trip

18-20 September 2015

The field trip will visit key outcrops in the Greater Castleton area of North Derbyshire. The late Visean to Namurian succession of carbonate and clastics together with the regional setting offer an excellent opportunity to examine an exhumed hydrocarbon system analogous to the East Midlands hydrocarbon province further South in Nottinghamshire and Lincolnshire. The excursion will provide an opportunity to examine all elements of the hydrocarbon system and to discuss hydrocarbon charge and trapping as well as related unconventional shale reservoir systems. The outcrops will be supplemented by subsurface data to demonstrate different elements of the petroleum geology. There will also be opportunities to examine recent structural deformation and discuss the insights they offer into understanding and visualising extensional and strike-slip tectonic regimes.



## Registration

now open

Download a registration form online

£270

Registration includes two nights' stay at The Lee Wood Hotel in Buxton with breakfast, and a field guide. Please note that attendees will need to bring their own cars, or car share; please contact [events@pesgb.org.uk](mailto:events@pesgb.org.uk) if you have any queries.

Places will be allocated on a first come, first served basis.

### Day 1

Will focus on the regional setting, examining the Visean carbonate platform margin, Namurian black shales and the initial advance of coarse siliciclastics into the 'deep' basin.

*Outcrops - Mam Tor, Windy Knoll, Winnats Pass, Pin Dale & Cave Dale*

### Day 2

Will examine the basin filling sand-rich submarine fan system and the first two of the overlying major fluvio-deltaic channel complexes that are analogues to some of the East Midlands reservoirs.

*Outcrops -Alport Castles, Bamford Edge, Burbage Rocks*

We will assemble Friday night at The Lee Wood Hotel, Buxton. The trip will finish after lunch on Sunday, 14:00, giving participants plenty of time to journey home safely.

# Purbeck Field Trip

Led by Matt Wakefield & Steve Etches

**26-27 September 2015**

The fossiliferous mudstones of Dorset's Jurassic Coast are world renowned and collectors flock to the Lower and Middle Jurassic successions in the west of the county. Less well known is that the Upper Jurassic Kimmeridge Clay, one of the principal source rocks in the North Sea, also yields a beautifully preserved vertebrate and invertebrate fauna which provide a tantalising insight into the ecology of this mudstone-dominated succession. Through decades of painstaking collection and curation, Steve Etches has amassed a fantastic fossil collection and the PESGB has been working with Steve to make his collection accessible to the public. This trip will combine the opportunity to visit Steve's fossil collection, investigate some of his key sampling locations and review the stratigraphy, sedimentology and small scale tectonics visible in the coastal cliffs and foreshore in the Purbeck area.

**Registration now open**  
**Download a registration form online**

**£155**

*Registration includes one nights accomodation with breakfast, and a field guide. Please contact [events@pesgb.org.uk](mailto:events@pesgb.org.uk) if you have any queries. Places will be allocated on a first come, first served basis.*