

# 15-17 November 2016





#### A Word from the Chair Richard Fox

What brought me into this industry was the innovation, technical challenges, excitement and endless possibilities to explore. PETEX is built around our need to discover and review recent technical achievements, capturing that excitement, finding new ideas and sharing the possibilities that the sheer scale and global nature of our industry provides.

I am particularly proud that during these challenging times our exhibitors, speakers and members have stepped up to ensure we will have a memorable and successful event. We have kept true to our original guiding principles. PETEX 2016 is not just a conference and exhibition, it is a community for oil and gas professionals to take time out to think, challenge, discuss, learn - and most importantly, participate.

Come and join our community at PETEX - you will be taking part in something unique and special.

I look forward to seeing you there.

#### **Keynote Speakers**



Luca Bertelli Chief Exploration Officer, Fni



Jean Georges Malcor Chief Executive Officer, CGG



**Andrew Latham** VP Global Exploration Research, Wood Mackenzie



**Gunther Newcombe** E&P Director. **OGA** 

### Early Bird registration ends 16 September 2016 PESGB/SPE/EI/Geol Soc Member £170.00 / Standard Registration £290.00

#### 6 streams of technical talks

#### Over 65 exhibitors

#### **Special features** include...

- Showcase
- Consultants' Square
- **♦** Explore your **Future**
- Future Working Zone
- Pavilion
- **♦** OGA presence
- ♦ Onshore feature
- University Forum
- Visualisation **Theatre**
- ♦ YP Workshop

For more information on the conference, sponsorship opportunities, to book an exhibition booth or to register your place, please visit www.petex.info or contact events@pesgb.org.uk

















#### **A Word from** the Technical **Chairs** Mike Branston & **Neil Frewin**





The PETEX 2016 Technical Programme -The Industry Engine Is Still Switched On!

If proof were needed that the industry engine is still running, PETEX received a record submission of high quality abstracts in 2016 from which we have created an exciting technical programme of talks and posters; a 35% increase on 2014.

This premier UK E&P conference is designed to review and summarise the key industry trends in one single event. The programme of talks, posters and workshops, spanning three days, will run in three parallel streams, aligned around global, regional and technological themes.

#### At PETEX 2016 it will be possible to:

- Raise your awareness of the regional geology of the key exploration hotspots including Mexico, Myanmar Brazil & West Africa.
- Better understand the impact of broadband and multi-component data in the North Sea, review the advances of complex imaging through case studies and look to the future of autonomous seismic acquisition
- Gain an insight into the future potential of the UK via insights into fractured Precambrian plays in the West of Shetland, the Zechstein carbonates of NW Europe and onshore tight gas in the UK.

To support the main conference programme there will be the Visualisation Theatre, showcasing new technology case studies and the Collaboration Conference. where students and industry sponsors can showcase joint studies.

The technical programme will be given context via the opening keynote lectures, session keynotes and the highly relevant panel discussion that none of us can afford to miss.

The PETEX 2016 conference will be THE event in 2016 to network with your technical peers, gain an overview of the latest technologies, and explore your career.

#### **Tuesday 15 November**

	MAIN AUDITORIUM Keynotes
Richard For Exploration Chair's We	Director, <i>Dana Petroleum</i>
Maria Ired Executive D Opening A	Director, <i>PESGB</i>
An Explore	oration Officer, <i>Eni</i>
Chief Execu A Contrac	rges Malcor utive Officer, CGG tor's View: to the New Market
Wood Mac An Analys	Exploration Research, kenzie
Are there	lewcombe etor, Oil & Gas Authority Future Upstream ties in the North Sea?
	LUNCH



#### MAIN AUDITORIUM HALL 2 **EXHIBITION FLOOR** HALL 1 **ENABLING TECHNOLOGY NORTH SEA COLLABORATION SHOWCASE CONFERENCE WELCOME** Evolution of Late Cretaceous and Cenozoic Jonathan Craig Deepwater Slope Canyon Complexes in the Ceara Enabling Technology Development in Seismic The Porcupine Basin Ireland: New perspectives on AAPG President Basin, Equatorial Brazil: New Insights from Regional prospectivity for oil and gas Exploration Scale 3D PSDM and Cognitive Interpretational D. Monk<sup>1</sup> A. McCarthy<sup>1</sup>, A. Vear<sup>1</sup> **KEYNOTE** <sup>1</sup>Apache Corp <sup>1</sup>Woodside Energy (UK) Ltd. Prof. John Underhill<sup>1</sup> & Hon. Prof. Keith Gerdes <sup>1</sup>Heriot-Watt University, <sup>2</sup>Shell A review of the impact of multimeasurement Regional geology and prospectivity of the Mexican The UK's Frontier Basin: The Rockall Basin broadband data at the Mariner Field: Model building, Sand Injection Research A. Karvelas<sup>1</sup>, O. Schenk<sup>2</sup>, imaging, and inversion Prof. A. Hurst<sup>1</sup> C. O'Reilly<sup>1</sup>, D. Chisari<sup>1</sup>, A. Birch-Hawkins<sup>1</sup> O. Shtukert1 C. Cunnell<sup>1</sup> <sup>1</sup>University of Aberdeen <sup>1</sup>WesternGeco, <sup>2</sup>Schlumberger Germany <sup>1</sup>WesternGeco Calibrating 3D Seismic Data in Frontier Exploration Shot-by-shot directional source deghosting Structural Coherence of Fault-Fold Arrays in Salt-The Northwest Rockall Basin and its Petroleum with Offset Well Data through Seismic Tie-Lines to and directional designature using near-gun Influenced Rifts: Observations from the Halten Potential De-risk and Rank Prospect Portfolios Terrace, Offshore Norway measurements C. Grove<sup>1</sup>, R. Teehan<sup>1</sup>, L. Holt<sup>1</sup>, J. Warner<sup>2</sup> D. Wallace<sup>1</sup>, J. Kemper<sup>1</sup>, P. Ramsey<sup>1</sup> N. Hargreaves<sup>1</sup>, R. Telling<sup>1</sup>, S. Grion<sup>1</sup> A.J. Coleman<sup>1</sup> <sup>1</sup>OMV UK Ltd, <sup>2</sup>Formerly ARKex Ltd. <sup>1</sup>Imperial College London <sup>1</sup>Dolphin Geophysical REFRESHMENT BREAK **POSTER SESSION 1** A reassessment of the brittle deformation history, Ophir Energy - Accelerated exploration for biogenic Seismic imaging in gas obscured areas: Q anomaly Multi-phase sand remobilization and injection in the age and attribute analysis from the Orcadian detection and Q migration applied to broadband data Basin, Scotland: implications for offshore Devonian Balder Formation of the South Viking Graben R. Courel<sup>1</sup>, J. Hull<sup>1</sup>, A. Duffy<sup>1</sup>, L. Ryan<sup>1</sup>, J. Dale<sup>1</sup>, A. Castiello<sup>2</sup>, Y. Ren<sup>2</sup>, T. Martin<sup>2</sup>, Z. Luo<sup>1</sup>, M. Huuse<sup>1</sup>, D. Bureau<sup>1</sup>, A. Hurst<sup>2</sup> fractured reservoirs G. Moltifiori<sup>1</sup>, C. Hawke<sup>1</sup>, D. Harger<sup>1</sup>, D. Rycroft<sup>1</sup> I. Buchan3 University of Manchester, <sup>2</sup>University of Aberdeen A.M. Dichiarante<sup>1</sup> <sup>1</sup>ION, <sup>2</sup>formerly ION, <sup>3</sup>PGS <sup>1</sup>Durham University What can 3D Seismic Data Contribute to a Mature An iterative data driven demultiple scheme for high The Catcher Area Development: Addressing the Seismic geomechanics of mud volcanoes: resolution short offset P-Cable data in the Barents Challenges of Developing Three Seismically Tuned implications on drilling O.J. Olatoke<sup>1</sup>, M. Pointing<sup>1</sup>, K. Totton<sup>1</sup>, Sand Injectite Fields R. Gulmammadov<sup>1</sup> K. Tough<sup>1</sup>, C. Lehmann<sup>1</sup>, J. Gardner<sup>1</sup> A. Hardwick<sup>1</sup>, S. Jansen<sup>2</sup>, B. Kjølhamar<sup>2</sup> S. Kenyon-Roberts<sup>1</sup>, M. Gibson<sup>1</sup>, D. Riley<sup>1</sup> <sup>1</sup>University of Manchester <sup>1</sup>Premier Oil <sup>1</sup>TGS UK, <sup>2</sup>TGS Norway Case history of the PL 586 hydrocarbon discoveries, The Recognition of Three Types of Seaward-Dipping Better Seismic Imaging Through Implementation of The role of extrusive igneous rocks in exploration 2012-2015 Reflector (SDR) and Implications for Continental New Technologies A. Pavlov<sup>1</sup>, V. Valler<sup>1</sup>, A. Sakharov<sup>2</sup>, Breakup D. Dickinson <sup>1</sup>. F. Mancini<sup>1</sup> <sup>1</sup>Andy Racey Geoscience A. Knowles<sup>1</sup>, E. Egeland<sup>2</sup>, P. Smith<sup>1</sup> C. McDermott<sup>1</sup> Woodside Energy Ltd. <sup>1</sup>ION, <sup>2</sup>VNG Norge <sup>1</sup>Imperial College London

**Networking Reception** 17.00 **Exhibition Floor** 



New for 2016

#### **Exploration Game**

Licencing round simulation game each day, winner announced on the last day **Postgraduate** Research Collaboration Showcase







Collaboration is really at the heart of solving the key challenges facing the E&P sector currently, so AAPG (European Region), PESGB and the Petroleum Group are pleased to confirm a vibrant Petroleum Geoscience Collaboration Showcase.

The showcase provides an excellent opportunity for industry and academia to meet, get inspired and demonstrate the value of collaborative applied research. There will be ample opportunity for graduates and potential future employers to connect across the two-day programme which is fully integrated within the PETEX programme and located with a designated area on the PETEX exhibition floor.

We have received a large number of excellent examples of collaborative research across the suggested technical themes with a strong representation from structural geology, sedimentology, reservoir quality and exploration. We are also pleased to announce notable keynote speakers including Prof. John Underhill, Hon. Prof. Keith Gerdes, Prof. Bruce Levell and Dr. Ole Martinsen. High-quality poster sessions will also highlight some of the most interesting research and new exploration areas within the North Sea, West of Shetland and further afield.

Please come along and join us for some interesting and thoughtprovoking technical presentations and posters by leading researchers illustrating the results of their work and the value of collaboration between academia and industry

## **Wednesday 16 November**

	MAIN AUDITORIUM	HALL 1	HALL 2	EXHIBITION FLOOR
	GLOBAL	ENABLING TECHNOLOGY	NORTH SEA	COLLABORATION SHOWCASE
	Oil in Senegal: The SNE Discovery and Appraisal Story So Far	Using an integrated model building toolkit to reduce uncertainty in seismic imaging	Adding Value with Broadband Seismic and Inversion in the Central North Sea Seagull Area	KEYNOTE
	R. Heaton <sup>1</sup>	T. Martin <sup>1</sup> , G. Ronholt <sup>2</sup> , O. Korsmo <sup>2</sup> , T. Bell <sup>1</sup>	M. Vermaas¹, A. Lind¹	Prof. Bruce Levell <sup>1</sup>
	<sup>1</sup> Cairn Energy	<sup>1</sup> PGS UK, <sup>2</sup> PGS Norway	<sup>1</sup> Apache North Sea	<sup>1</sup> University of Oxford
	The Deep Water C/T Systems in the Rio Muni Basin - Elements of an Emerging Play	Improving the Hoop Fault Complex image with Full Waveform Inversion	Bringing Golden Eagle Onstream - with 10 appraisal wells there shouldn't be any surprises right?	Relationships Between Observed Hydrocarbon Column Heights, Occurrence of Background
	P. Mullin <sup>1</sup> , F. Inniss <sup>1</sup> , S. Opdyke <sup>1</sup> , M. Smith <sup>1</sup>	J. Mao¹, J. Sheng¹, T. Kim¹, M. Hart¹	D. Dutton¹, A. Mitchell²	Overpressure and Seal Capacity within North West Europe
	<sup>1</sup> PanAtlantic Exploration	¹TGS	<sup>1</sup> Nexen Petroleum UK, <sup>2</sup> Strategic Fit	J. Schofield 11 Durham University
Е	Breaking up is never easy, the consequences of rifting and drifting apart in the North Gabon	Benefits of re-processing and re-imaging using non-parametric model building for exploration	The challenges of predicting fluid type from seismic amplitudes in the Vaila sandstones of the	Porosity Controls on Devonian Strata of the North Sea: a case study from Ardmore field, Bl
	Basin, with learnings for the evolution of the South Atlantic	and field development. A case study from the Nyk High, Vøring Basin	Flett Sub-basin	30/24, UKCS
	H. Doran¹, A. Carr¹, W. Parsons¹, E. Pettinotti¹, J. Smart¹, P. Abessolo Ollomo², E. Mbina-Kombila². F. Moukoumbi²	A. Pavlov <sup>1</sup> , J. Fruehn <sup>1</sup> , J. Howsego <sup>1</sup> , M. Haverl <sup>2</sup> , V. Valler <sup>1</sup> , J. Raffle <sup>1</sup> , B. Myhren <sup>2</sup> , H. Aronsen <sup>2</sup>	G. Poole <sup>1</sup>	L. Tang <sup>1</sup>
	1 Ophir Energy, 2DGH (Direction Générale des Hydrocarbures)	<sup>1</sup> ION, <sup>2</sup> Statoil	¹Engie E&P UK Ltd.	<sup>1</sup> Durham University
Ophili Energy, -Dan (Direction Generale des hydrocarbures)				
		REFRESHMENT BREAK		POSTER SESSION 2
	THE SECRETARISM STATE OF THE SECRETARISM STATE	The second secon	And the latest the lat	SEE ALTERNATION CO. CO., Co., Co., Co., Co., Co., Co., Co., Co
		Overcoming complex imaging challenges in the Western Black Sea using ExxonMobil's Full		
T	The structural and stratigraphic development of the Rio del Rey Basin (offshore Cameroon),	Waveform Inversion Technology	Overpressure detection using Shear-Wave Velocity Data	The SAFARI Project -
	implications for play distribution and remaining exploration potential	<b>S. Hughes</b> <sup>1</sup> , V. Gottumukkula <sup>1</sup> , P. Homonko <sup>1</sup> , R. Neelamani <sup>2</sup> , S. Lazaratos <sup>2</sup> , P. Routh <sup>2</sup> ,	A. Edwards¹, S. O'Connor¹, S. Green¹, K. Waters¹	An online database of reservoir analogue information from outcrops and modern system
	P. Bellingham <sup>182</sup> , C. Tucker <sup>182</sup> , T. Beal <sup>182</sup> , M. Enfield <sup>1</sup> , N. Quinton <sup>2</sup>	R. Lu <sup>2</sup> , K. Naidu <sup>2</sup> , H. Braaksma <sup>2</sup> , R. Saltzer <sup>3</sup>	¹IKON Science	Prof. J. Howell <sup>1</sup>
	<sup>1</sup> P.D.F. Ltd, <sup>2</sup> Tower Resources	<sup>1</sup> ExxonMobil International Ltd UK, <sup>2</sup> ExxonMobil Upstream Research Company USA,		<sup>1</sup> University of Aberdeen
		<sup>3</sup> ExxonMobil Development Company USA		
	Helicon West Affect to 1975 to 1	Wiled and the fire of the fire	Carboniferous and Devonian petroleum systems of the UKCS: an overview of regional	Ladable falls belle an arrange of the control of th
	Using a West Africa depositional sequence framework to uncover pre- & post-salt	Velocity model building offshore Gabon - a vast step into the unknown	structure and stratigraphy from the 21st Century Exploration Roadmap Palaeozoic Project	Insights into bottom-currents role in reworking and redistributing turbidites in the Offshor
	prospectivity in the underexplored deepwater Congo and Namibe Basins	P. Gabrielli¹, F. Jouno¹, B. Xiao¹, I. Iliev¹, C. Page¹, R. Schouten¹, S. Thompson¹,	A. Monaghan <sup>1</sup> , S. Arsenikos <sup>1</sup> , T. Kearsey <sup>1</sup> , K. Whitbread <sup>1</sup> , M. Quinn <sup>1</sup> , G. Kimbell <sup>1</sup> ,	Mozambique: implication for hydrocarbon exploration  A. Thieblemont <sup>1</sup>
	M. Tyrrell¹, F. Mathew¹, A. Ashfield¹, B. Smith¹ ¹PGS Reservoir	J. Cowley <sup>1</sup> , A. Ratcliffe <sup>1</sup>	G. Leslie <sup>1</sup> , P. Williamson <sup>1</sup> , D. Millward <sup>1</sup> , T. Pharaoh <sup>1</sup>	<sup>1</sup> Royal Holloway, University of London
	i do neservoli	odd	¹BGS	Hoyal Holloway, Offiversity of London
Fx	xploration of the Onshore Dahomey Embayment of Benin; the integration of seismic data and	High Resolution Diffraction Imaging of Small Scale Fractures in Shale and Carbonate	Thick vs thin-skinned deformation of the Sole Pit High (UK Southern North Sea Basin) and its	
	high resolution airborne gravity & magnetic data into Cretaceous and Tertiary play models	Reservoirs	impact on the evolution of supra-salt prospectivity	Turbidite-Contourite Interactions on the Uruguayan Continental Margin: Conceptual Implication
	N. Waters¹, P. Elliott¹, E. Rossiter¹	A.M. Popovici¹, I. Sturzu¹, T.J. Moser¹	R. Sharp¹, J. Adam¹, N. Scarselli¹, S. Morse²	A. Creaser <sup>1</sup>
	<sup>1</sup> Elephant Oil Ltd	<sup>1</sup> Z-Terra Inc	<sup>1</sup> Royal Holloway University of London, <sup>2</sup> PGS	<sup>1</sup> Royal Holloway, University of London
		LUNCH		POSTER SESSION 3
In	nsights into the hydrocarbon potential of Tertiary turbidites in the unexplored territories of the	Next generation seismic for Exploration: better, faster and cheaper acquisition technologies	Cracked and full of sand: microstructural insights into how oil gets into the fractured	
	Lower Congo basin, Angola	using smarter topologies	Precambrian basement of the Rona Ridge, West of Shetland	KEYNOTE
	D. Rathee¹, S. Tewari¹	W. Walk <sup>1</sup>	R. Holdsworth <sup>182</sup> , K. McCaffrey <sup>182</sup> , E. Dempsey <sup>1</sup> , A. Robertson <sup>3</sup> , A. Conway <sup>4</sup>	O. Martinsen (TBC)¹
	¹WesternGeco	¹Shell	<sup>1</sup> Durham University, <sup>2</sup> Geospatial Research Ltd., <sup>3</sup> BP, <sup>4</sup> ConocoPhillips	<sup>1</sup> Statoil
	A		Harris C. T. Latin C. L. L. D. L. L. NIME	D 10 D1 1 10 1
	A geotectonic history of Durban and Zululand Basins-with implications on its hydrocarbon	Leveraging De-Blending of Overlapping Shots for Multi-Source Towed Streamer Acquisition	Understanding Zechstein Carbonate Reservoirs in NW Europe	Brent Group Petrography and Diagenesis:
	prospectivity  M. Bhattacharya <sup>1</sup> , G. Duval <sup>1</sup>	P. Fontana <sup>1</sup> , T. Thompson <sup>2</sup> , E. Hager <sup>3</sup>	S. Daniels <sup>1</sup> , J. Gluyas <sup>2</sup> , R. Holdsworth <sup>1&amp;2</sup> , J. Long <sup>1</sup> , M. Mawson <sup>2</sup> , M. Tucker <sup>2</sup> ,  E. Vserminova <sup>1</sup> , M. Wilkinson <sup>1</sup>	Implications for Reservoir Quality and Enhanced Oil Recovery  T. Utley¹
	¹CGG	<sup>1</sup> Polarcus UAE, <sup>2</sup> DownUnder GeoSolutions, <sup>3</sup> Polarcus Singapore	<sup>1</sup> Geospatial Research Ltd., <sup>2</sup> Durham University	<sup>1</sup> Durham University
			doopatal Hoodin Ed., Durian Onvoisty	AND ADDRESS OF THE REAL PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS O
1	Modern Insights Into The Geology And Prosectivity Of The Agadem Rift Basing In Niger: An	Wavefield signal apparition: A seismic shift for simultaneous source separation	A Role for Fluid Pressure Data in Exploration	Evolution & Karst Development in a Palaeozoic Carbonate Platform:
	Emerging Basin In The Central African Rift System	J. Robertsson <sup>1&amp;4</sup> , L. Amundsen <sup>2</sup> , A.S. Pedersen <sup>2</sup> , D.J. van Manen <sup>1&amp;4</sup> ,	R. Morgan <sup>1</sup>	A Seismic Interpretation Approach
	B. Wilks <sup>1</sup> , P. Magor <sup>1</sup>	K. Eggenberger <sup>1</sup> , F. Andersson <sup>3</sup>	¹Ostralegus Ventures	V.S. Tran <sup>1</sup>
	¹Savannah Petroleum plc	<sup>1</sup> Seismic Apparition GmbH, <sup>2</sup> Statoil, <sup>3</sup> Lund University, <sup>4</sup> ETH Zurich	Statistical Parkets	<sup>1</sup> Royal Holloway, University of London
		REFRESHMENT BREAK		
	Mongolia: Emerging & Frontier Exploration Potential	Unlocking the potential of seabed seismic	The Influence of Pore Pressure in Assessing Hydrocarbon Prospectivity: A Review	Resolving the noble gas fingerprint in UK unconventional gas reservoirs
	J. Tully¹, A. Barnwell¹, R. Karpuz¹	M. Ortin¹, A. Bullock¹, A. Cooke¹,	S. Green¹, S. O'Connor¹, A. Edwards¹	S. Gilfillan <sup>1</sup>
	<sup>1</sup> Petro Matad LLC	¹WesternGeco	<sup>1</sup> IKON Science	<sup>1</sup> University of Edinburgh
			New Gasfields in the Cleveland Basin, Northern England. Discovered conventional and	
		Leveraging Laggan's 4D acquisition noise measurements into the Tormore 4D feasibility study	unconventional gas reserves in fractured Zechstein carbonates, tight Carboniferous gas	Noble gases in gas shales: Implications for gas retention and thermal maturity
	Geochemical Evaluation of Petroleum Systems in the Norwegian Barents Sea	20 to aging Laggan o 12 addition notes incada on one inc the incident, class,	sands and the Bowland Shale	S. Basugupta <sup>1</sup>
	P. Farrimond <sup>1</sup> , L. Garner <sup>1</sup> , M. Nuzzo <sup>1</sup> , M. Dart <sup>1</sup>	L. Barens¹, E. McManus¹, K. Budkina¹, N. Jebara¹		
			M. Cooper <sup>1</sup>	<sup>1</sup> University College London
	P. Farrimond <sup>1</sup> , L. Garner <sup>1</sup> , M. Nuzzo <sup>1</sup> , M. Dart <sup>1</sup>	L. Barens¹, E. McManus¹, K. Budkina¹, N. Jebara¹		
	P. Farrimond¹, L. Garner¹, M. Nuzzo¹, M. Dart¹ ¹Integrated Geochemical Interpretation (IGI) Ltd.	<b>L. Barens¹</b> , E. McManus¹, K. Budkina¹, N. Jebara¹ ¹Total E&P UK	M. Cooper¹ ¹Arenite Petroleum Ltd.	<sup>1</sup> University College London
	P. Farrimond¹, L. Garner¹, M. Nuzzo¹, M. Dart¹ ¹Integrated Geochemical Interpretation (IGI) Ltd.  Frøya High: An integrated reservoir study of the Late Jurassic sands	L. Barens¹, E. McManus¹, K. Budkina¹, N. Jebara¹ ¹Total E&P UK  Sparse Nodes and Shallow Water - PS Imaging Challenges on the Alwyn North Field	M. Cooper¹ ¹Arenite Petroleum Ltd.  A new UK basin modelling framework for predicting and evaluating sweet spots in	<sup>1</sup> University College London  The effect of stress-induced porosity and permeability variations on shale gas reservoir
	P. Farrimond¹, L. Garner¹, M. Nuzzo¹, M. Dart¹ ¹Integrated Geochemical Interpretation (IGI) Ltd.	<b>L. Barens¹</b> , E. McManus¹, K. Budkina¹, N. Jebara¹ ¹Total E&P UK	M. Cooper¹ ¹Arenite Petroleum Ltd.	<sup>1</sup> University College London

# Exploration Managers' Lunch 12.30 Dining Hall

Invitation-only lunch attracting senior figures from across the industry



# Evening Excursion 17.30

Venues include The Fox@ExCeL & Novotel

Further venues still available to sponsor!



#### **Thursday 17 November**

MAIN AUDITORIUM **PETEX FORUM** 10.00 Interactive debate session on the topic: These are defining times in the petroleum industry: Business as usual, or a new world order? Join us to hear the case followed by an exciting Question Time-style panel debate. Attendees will be encouraged to submit questions to the panel using our interactive technology. Panel formed from representatives of merchant banks, seismic contractors, E&P SMEs, academics, OGA, and lending banks. Followed by a special awards ceremony for Best Presentation and Best Poster at PETEX, join us to celebrate the best presentations at the 26th anniversary of PETEX 12.30 LUNCH MAIN AUDITORIUM HALL 1 YP UNCERTAINTY WORKSHOP **OGA WORKSHOP ROBOTICS WORKSHOP** 14.00 **AUV Technology Trends** Oil & Gas Authority 'Technology Trends and Cross Industry B. Jalving<sup>1</sup> <sup>1</sup>Kongsberg Maritime Synergies<sup>1</sup> Asset Stewardship Workshop Open to all PETEX attendees 14.30 FreeCableTM: Autonomous Midwater Run by S. Robertson, Stationary Cables to Perform Full Oil & Gas Authority The seminar will focus on new Azimuth Full Offset Seismic Acquisition technologies/approaches which are with Ideal Geometry pushing the boundaries in geoscience, L. Haumonte<sup>1</sup> technologies from industries on the peripheries of the oil and gas industry <sup>1</sup>Kietta which potentially can be used in new 15.00 and creative ways and on gaining some Using Robotic Flying Nodes for Ocean insight from a complimentary industries Oil & Gas Authority **Bottom Seismic Acquisition** and access how technologies/idea A. Holloway<sup>1</sup>, D. Grant<sup>1</sup> from these industries can be (or have <sup>1</sup>Autonomous Robotics Ltd **Exploration Data Workshop** been) applied to oil and gas The event then allows time for audience input Subsurface Data and Data Visualisation 15.30 and questions, with the aim of offering Run by N. Richardson. Distributed seismic acquisition with 3D attendees an insight into the numerous Oil & Gas Authority sensor arrays towed by wave gliders dimensions of our industry and the N. Moldoveanu<sup>1</sup>, P. Caprioli<sup>1</sup> opportunities available. <sup>1</sup>WesternGeco 16.00 Hybrid methodology to deploy robotic seafloor nodes and produce a step change in seafloor receiver seismic survey efficiency A. Rokkan<sup>1</sup> <sup>1</sup>SBGS 16.45 **CLOSE OF SESSION** 

> This programme is provisional and subject to change Correct as at 10 August 2016



# Timetables coming soon...

#### **Future Working Zone**

PETEX 2016 looks to the future for new ideas, new ways of working, smarter, faster and more efficiently. This year we are delighted to include the Future Working Zone - specifically for those working in the digital energy arena, providing solutions around people, processes and technology. The Zone will include a full technical programme and opportunities for exhibitors to take a small booth at a special price.

Technical themes will include:

- ♦ The Future is different How?
- Integrated, Collaborative working
   case studies and new ideas
- Changing the way we work
- Working smarter in a low oil price environment
- Traditional Data Managementhow will it evolve?
- Standards can we create a global community?
- National Data RepositoriesNational Treasure or Necessary Evil?

Area sponsored by Target Energy Solutions

#### **Poster Showcase**

PETEX has a very strong poster tradition and this year we are excited about the quality of submissions more than ever. This year's poster presentations complement the main conference as an additional stream of technical content.

Although the poster timetable is yet to be released, a high number of presentations have already been confirmed including; authors from companies such as WesternGeco, CGG and ERCL, independent consultants, and academics from Universities like Imperial College London, Royal Holloway University, UCL and Durham University.

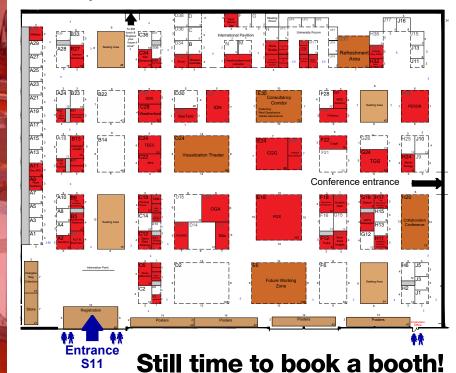
#### **Visualisation Theatre**

Area of commercially-orientated technical presentations.

Non – seismic session combined with sales talks and data viewing.

#### **Exhibition Focal Points**

#### Don't panic...



#### **Consultants' Square**

Platform for independent consultants to promote their business and services

#### **International Pavilion**

Opportunities for government agencies to promote their countries' assets Exhibitors from countries all around the world

#### **Explore your Future**

Includes key note session
(Shell VP of Talent)
Focus on improving people's
working skills
CV clinics and one-to-one
sessions

In collaboration with Zinc Consultants and Working Smart Ltd.

#### **University Forum**

Platform for universities to promote their academic research Opportunity for strong partnerships with industry

New for 2016, look out for the PETEX Pub 'The Old Rig' on the show floor!

ExCeL London is situated in the heart of vibrant East London.

5 minutes to the south, is the iconic O2, which offers 30 bars and restaurants linked to ExCeL London by England's only urban Cable Car - The Emirates Air Line.

10 minutes to the west of ExCeL London you'll find Canary Wharf, London's financial district, offering 200 shops, bars and restaurants.

the north you will find The Olympic Park and Europe's largest urban shopping centre, Westfield Stratford City. Westfield offers over 300 shops, as well as a 14-screen cinema, a casino and three hotels.

#### by Tube

The Jubilee Line is recommended as the quickest route to ExCeL London. Alight at Canning Town and change onto a Beckton-bound DLR train, for the quick 2-stop journey to Custom House for ExCeL (West).

#### by Air

ExCeL London recommends using London City Airport, whenever possible. The airport is located 5-minutes from ExCeL London by taxi or 10-minutes by DLR (Docklands Light Railway). The airport offers 350 flights per day, from over 40 international destinations.

#### by Road

When driving to ExCeL London follow signs for Royal Docks, City Airport and ExCeL. There is easy access from the M25, M11, A406 and A13. For a map of ExCeL London's location please visit www.streetmap.co.uk and search for ExCeL London by postcode – E16 1XL. For Sat Nav purposes, we recommend using postcode E16 1DR. ExCeL London offers on-site car parking for 3,700 cars. The tariff for the Royal Victoria multistorey car park and Undercroft parking (Orange and Purple) is £15 for up to 24 hours.



#### **Stay**

**Event Express** is the recommended accommodation agent for PETEX 2016.

A variety of accommodation options are available within close proximity to ExCeL, including properties on site at ExCeL itself.

To take advantage of special rates, please contact Event Express directly:

Contact: Rebecca Holder

W: http://www.eventexpressuk.co.uk/petex/ E: reservations@eventexpressuk.com

T: 01905 732737

#### Eat

ExCeL has a wealth of nearby places to go. From restaurants to easy dining, coffee shops to quick bites, global food to street pop-up food, there is an option for everyone and anyone.

For further information please visit http://excel.london/visitor/food-drink