



CENTRAL & NORTH ATLANTIC

CONJUGATE MARGINS CONFERENCE
DUBLIN 2012

THIRD CONJUGATE MARGINS CONFERENCE 2012

CONFERENCE PROGRAMME

www.conjugatemargins.ie

We sincerely thank all our sponsors, partners and supporters who contributed to the success of the
Third Conjugate Margins Conference 2012



CONJUGATE MARGINS CONFERENCE
DUBLIN 2012

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Acknowledgements

We would like to thank our main sponsors, the Irish Petroleum Infrastructure Programme (PIP - see www.pip.ie) and the Department of Communications, Energy and Natural Resources (DCENR). We especially wish to thank Mr Noel Murphy of the DCENR's Petroleum Affairs Division (PAD – see www.pad.ie) for his contribution to Ireland's hosting of the 2012 conference.

We would particularly like to acknowledge the members of the Conference Steering & Scientific Advisory committees: Michael Hanrahan, John Conroy, Nick O'Neill, Jacob Skogseid, John O'Sullivan and others mentioned elsewhere herein, for their help in planning this event over the past two years (see www.conjugatemargins.ie). Martin Davies and his team at the PIP Secretariat are thanked for providing planning and organisational support throughout.

We gratefully acknowledge the support of the professional societies who assisted in the promotion of the event including the American Association of Petroleum Geologists (AAPG), the Petroleum Exploration Society of Great Britain (PESGB), the European Federation of Geoscientists (EFG), the Petroleum Group of The Geological Society of London and the Atlantic Geoscience Society (AGS).

We particularly thank the organisers of the previous Central and North Atlantic Conjugate Margins conferences in Halifax (David E Brown & Grant Wach) and Lisbon (Nuno Pimentel & Rui Pena dos Reis) whose experience and invaluable guidance were essential to making the Dublin 2012 conference possible.

We are indebted to our many industry, government and academic sponsors who are listed on the inside front cover. We would like to particularly mention John Graham of the Department of Geology at Trinity College Dublin who assisted us in the early days of the conference and acted as our sponsors in the University. Nicola Meenan and her team in the Accommodation & Conference Office at Trinity College are particularly thanked for their help and assistance.

We would also like to thank all those associated with the organisation of the four conference field trips in Ireland, the UK and Portugal. Dr Alastair Ruffell (Queen's University Belfast), Dr Mark Cooper (Geological Survey of Northern Ireland), Prof Pat Shannon (University College Dublin), Dr Peter Haughton (University College Dublin), Prof Stephen Hesselbo (University of Oxford), Prof Grant Wach (Dalhousie University), Prof Nuno Pimentel (Lisbon University) and Prof Rui Pena dos Reis (Coimbra University) are all thanked for their hard work and enthusiasm.

We also thank separately Fáilte Ireland and Meet in Ireland for their generous support and contribution.

Conference Partners Ltd were contracted to organise the conference and the conference website. Key personnel include Jenny McAdam, Claire Kelly and Elva Hickey and we should acknowledge Warren Hallam who designed and developed the excellent conference website.

Finally, we thank you the delegates whose support is vital and without whom the conference would not have happened. We look forward to Conjugate Margins 2014 which will be held in St John's, Newfoundland, Canada.

Martin Davies

Tuesday 21st August 2012

- 13.00 – 17.00 Setup of poster display and exhibition areas (exhibitors only)
- 15.00 Registration opens on Upper Concourse
- 17.00 Exhibition opens on Lower Concourse
- 18.00 – 18.30 Signing of a new agreement on petroleum research collaboration – 'North Atlantic Petroleum Systems Assessment' ('NAPSA') agreement between Ireland and Newfoundland-Labrador

18.30 – 20.00

Welcome reception on Lower Concourse, kindly sponsored by



Wednesday 22nd August 2012

07.45 Registration opens

OPENING SESSION

Co-Chairs – Mr Noel Murphy (DCENR-PAD) and Mr Viv Byrne (PIPCo RSG Ltd)

08.45 – 09.00 Opening Remarks and Introduction

09.00 – 09.30 Conference Opening by Minister of State, Mr Fergus O'Dowd TD

SESSION 1 – Plate Reconstruction of the Atlantic Ocean

Co-Chairs – Prof Jonathan Craig (ENI) and Mr Ian Atkinson (Nalcor Energy)

09.30 – 10.00 Keynote

A NEW KINEMATIC PLATE RECONSTRUCTION OF THE NORTH ATLANTIC BETWEEN IRELAND AND CANADA

Bridget Ady and Richard Whittaker

10.00 – 10.30 CRUSTAL STRUCTURE, SUBSIDENCE HISTORY AND STRETCHING WITHIN THE OCEAN-CONTINENT-TRANSITION OF THE CONJUGATE IRELAND AND NEWFOUNDLAND NORTH ATLANTIC MARGINS
Nick Kusznir, Alan Roberts, Andy Alvey, Richard Whittaker and Kateřina Štolfová

NEW INSIGHTS INTO THE REGIONAL MESOZOIC AND CENOZOIC EVOLUTION OF THE IRISH OFFSHORE CONTINENTAL MARGIN

Kateřina Štolfová, Patrick Shannon and Richard Whittaker

10.30 – 10.45

Questions and Answers

10.45 – 11.15

Tea/coffee and biscuits

11.15 – 12.45

GEOLOGICAL CONSTRAINTS FOR A NEW PLATE RECONSTRUCTION OF THE NEWFOUNDLAND CONTINENTAL MARGIN

Richard Whittaker, Kateřina Štolfová and Patrick Shannon

COMPARISON OF LITHOSPHERE STRUCTURE ACROSS THE ORPHAN BASIN/FLEMISH CAP AND IRISH ATLANTIC CONJUGATE CONTINENTAL MARGINS FROM CONSTRAINED 3-D GRAVITY INVERSIONS

Kim Welford, Patrick Shannon, Brian O'Reilly and Jeremy Hall

DEFORMABLE PLATE RECONSTRUCTIONS FOR THE NORTH ATLANTIC AS A BASIS FOR PALAEOGEOGRAPHIC MAPPING AND THE CONSTRUCTION OF PALAEO-DIGITAL ELEVATION MODELS

John Watson, Alberto Adriasola Munoz, Claire Glover, Jim Harris, Mike Goodrich and Lynne Hudson

PLATE KINEMATICS OF THE BAY OF BISCAY

Jean-Claude Sibuet and Shiri Srivastava

DETERMINING THE COB LOCATION ALONG THE GALICIA BANK AND IBERIAN MARGIN FROM GRAVITY INVERSION, RESIDUAL DEPTH ANOMALY AND SUBSIDENCE ANALYSIS

Leanne Cowie and Nick Kusznir

BASEMENT INFLUENCE WITHIN THE LUSITANIAN BASIN

Karen Connors, Lynn Pryer, Ron McWhorter and Bill Torguson

12.45 – 13.00

Questions and Answers

13.00 – 14.00

Lunch in Lower Concourse

SESSION 2 – Atlantic Margin Evolution & Development

Co-Chairs – Prof Patrick Shannon (University College Dublin) and Dr David Chew (Trinity College Dublin)

14.00 – 14.30

Keynote

HYPEREXTENSION, WEAKENING AND CRUSTAL FOLDING IN THE NORTH ATLANTIC DOMAIN

Tony Doré, Erik Lundin and Susann Wienecke

14.30 – 17.00

EARLY CRETACEOUS VOLCANISM IN THE PORCUPINE BASIN, ATLANTIC MARGIN OF IRELAND: KEY SEISMIC TRAVERSES YIELD NEW INSIGHTS INTO THE ORIGIN OF THE PORCUPINE MEDIAN VOLCANIC RIDGE

Menno Dinkelman, G r me Calv s, Taija Torvela and Mads Huuse

SEISMIC IMAGING OF SEDIMENTARY FEATURES RELATIVE TO A BURIED PALAEO-VOLCANO, OFFSHORE MOROCCO

Dallas Dunlap and Lesli Wood

TRACING DEEP LITHOSPHERIC STRUCTURES ALONG THE PASSIVE MARGIN OF NORWAY, ITS GREENLAND CONJUGATE, AND POSSIBLE IMPLICATIONS FOR RIFTING

Sofie Gradmann and J rg Ebbing

EXHUMATION FOLLOWING POST-BREAKUP SUBSIDENCE IS A COMMON FEATURE OF "PASSIVE" MARGINS

Paul Green, Ian Duddy, Peter Japsen, James Chalmers and Johan Bonow

CORRELATING CALEDONIDE-APPALACHIAN TERRANES AND STRUCTURES BENEATH THE CONJUGATE MARGINS OF ATLANTIC CANADA AND NW EUROPE

John Waldron and David Schofield

POST-RIFT VERTICAL MOVEMENTS IN NW AFRICA: SEARCHING A MODEL FOR EXCESSIVE SUBSIDENCE AND EXHUMATION

Giovanni Bertotti, Mohamed Gouiza and Ibrahim Barrie

POST-RIFT KM-SCALE UPLIFT OF PASSIVE CONTINENTAL MARGINS CAN BE CAUSED BY COMPRESSIVE STRESSES

James Chalmers

THE HYPEREXTENDED MID-NORWEGIAN MARGIN - IMPLICATIONS FOR EXPLORATION

Erik Lundin, Tony Doré and Susann Wienecke

17.00 – 17.15

Questions and Answers

17.15 – 17.30

Tea/coffee and biscuits

17.30 – 18.30

POSTER SESSION

Co-Chairs - Prof Grant Wach (Dalhousie University) and Mr Nick O'Neill (PIP Secretariat)

Thursday 23rd August 2012

07.45

Registration opens

SESSION 3 – Atlantic Margin Evolution & Development (continued)

Co-Chairs – Mr Hamish Wilson (SLR) and Prof Rui Pena dos Reis (Coimbra University)

08.30 – 09.00

Keynote

DRAINAGE EVOLUTION IN MESOZOIC NE ATLANTIC MARGIN BASINS: SAND SOURCING, SCALES AND SEDIMENT PATHWAYS

Shane Tyrrell, Peter Houghton, Áine McElhinney, Patrick Shannon and Stephen Daly

09.00 – 10.30

THE LITHOSPHERIC BREAKUP SURFACE AND THE BREAKUP SEQUENCE: THE SYN- TO POST-RIFT TRANSITION ON THE WEST IBERIAN MARGIN-NEWFOUNDLAND

Duarte Soares and Tiago Alves

CRETACEOUS BASEMENT TECTONICS OF NOVA SCOTIA: WHAT WAS THE DRIVER?

David Piper and Georgia Pe-Piper

INTERPRETATION OF TECTONICS OF PASSIVE MARGIN OF NE GREENLAND FROM NEW SEISMIC REFLECTION DATA AND GEOLOGICAL – GEOPHYSICAL CONSTRAINTS

James Helwig, Richard Whittaker, Menno Dinkelman, Peter Emmet and Dale Bird

TECTONO-STRATIGRAPHIC EVOLUTION OF THE SOUTHWEST IBERIAN MARGIN: A TAIL OF THE CENTRAL ATLANTIC

Ricardo Pereira, Tiago Alves and Joe Cartwright

CONJUGATE MARGINS OF THE EQUATORIAL ATLANTIC: SIMILARITIES AND DIFFERENCES

Ian Davison

10.30 – 10.45

Questions and Answers

10.45 – 11.15

Tea/coffee and biscuits

11.15 – 12.45

NEW WIDE-ANGLE SEISMIC CONSTRAINTS ACROSS A MAGMA-STARVED, HYPER-EXTENDED NORTH ATLANTIC RIFT BASIN – ORPHAN BASIN

Helen Lau, Louise Watremez, Keith Loudon, Mladen Nedimović, Kim Welford and Garry Karner

SIGNIFICANCE OF THE “OUTER MARGINAL DETACHMENT” (OMD) IN RIFTING: SEISMIC EXAMPLES FROM FLORIDA AND AROUND THE WORLD

Jim Pindell, Rod Graham and Brian Horn

CONTINENTAL BREAKUP AND THE FORMATION OF CONJUGATE MAGMA-POOR MARGINS IN NORTH ATLANTIC: MECHANISM, SYMMETRY AND THE EXTENSION DISCREPANCY

Tim Reston and Ken McDermott

REGIONAL VARIATIONS IN SOURCE ROCK MATURATION IN THE LUSITANIAN BASIN (PORTUGAL) – THE ROLE OF RIFT EVENTS, SUBSIDENCE, SEDIMENTATION RATE, UPLIFT AND EROSION

Bernardo Teixeira, Nuno Pimentel and Rui Pena dos Reis

THE THERMAL HISTORY OF THE MESOZOIC ALGARVE BASIN (SOUTH PORTUGAL) AND ITS IMPLICATION FOR HYDROCARBON EXPLORATION

Bruno Rodrigues, Marisa Borges, Geoff Clayton, Paulo Fernandes and Vasco Matos

THE IRISH ATLANTIC MARGIN: PETROLEUM SYSTEM ANALOGIES FROM THE UK CONTINENTAL SHELF AND ATLANTIC CONJUGATE MARGINS

Andre Stout

12.45 – 13.00

Questions and Answers

13.00 – 14.00

Lunch in Lower Concourse, kindly sponsored by



SESSION 4 – Atlantic Basin Petroleum Systems

Co-Chairs – Prof Nuno Pimentel (Lisbon University) and Ms Madeleine Slatford (Tullow Oil)

14.00 – 14.30

Keynote

DEPOSITIONAL ENVIRONMENTS AND SOURCE DISTRIBUTION ACROSS HYPEREXTENDED RIFT MARGINS OF THE NORTH ATLANTIC: INSIGHTS FROM THE IBERIA-NEWFOUNDLAND MARGIN

Garry Karner, Christopher Johnson, Geoffrey Mohn and Gianreto Manatschal

14.30 – 17.00

TECTONIC CONTROL ON SEDIMENT SUPPLY AND RESERVOIR SUPPLY TO CONJUGATE ATLANTIC MARGINS

Duncan Macgregor

THE PALAEOGEOGRAPHIC AND PALAEO-CLIMATIC HISTORY OF THE CENTRAL & NORTH ATLANTIC CONJUGATE MARGIN BASINS: THE PREDICTIVE MAPPING OF SOURCE AND RESERVOIR FACIES

Jim Harris, Edward Anderson, Alberto Adriasola Muñoz, Rob Crossley, Claire Glover, Nick Stronach, Mike Goodrich, Paul Valdes and Roger Proctor

KEY STRATIGRAPHIC ELEMENTS WITHIN ORPHAN BASIN, OFFSHORE NEWFOUNDLAND, CANADA
Lynn Dafoe, Charlotte Keen, Graham Williams and Sonya Dehler

PLAY RISKS AND VOLUMES – OFFSHORE NOVA SCOTIA
Hamish Wilson, Matt Luheshi, David Roberts and Bernard Colletta

SEISMIC STRATIGRAPHIC ANALYSIS OF THE CENOZOIC SEDIMENTS IN NW FAROE-SHETLAND BASIN
– IMPLICATIONS FOR INHERITED STRUCTURAL CONTROL OF SEDIMENT DISTRIBUTION
Jana Ólavsdóttir, Morten Anderson and Lars Boldreel

SEQUENCE STRATIGRAPHY AS A TOOL IN PREDICTING PETROLEUM SYSTEMS OF THE IRISH
MARGIN AND THEIR CONTEXT IN THE PALAEOGEOGRAPHIC EVOLUTION OF THE NORTH ATLANTIC
CONJUGATE MARGIN
Sarah Laird, K. Evans and M. Booker

THE PALINSPASTIC AND SEQUENCE STRATIGRAPHIC CONTEXT OF THE CONJUGATE MARGIN OF
NORTH AMERICA AND NORTH WEST AFRICA
Ailsa Messer, Euphrasia Wong, Colin Saunders, Nick Harper, Mark Reynald and Charlotte Adams

17.00 – 17.15

Questions and Answers

17.15 – 18.30

POSTER SESSION

Co-Chairs - Prof Grant Wach (Dalhousie University) and Mr Nick O'Neill (PIP Secretariat)

19.30

Coach departs for Gala Dinner from Nassau Street (beside Trinity College)

20.00 – 22.30

Gala Dinner night at Johnnie Fox's in Glencullen

22.30

Coach returns to Trinity College and hotels

Friday 24th August 2012

08.00

Registration opens

SESSION 5 – Atlantic Margins E & P kindly sponsored by

Co-Chairs – Mr Keith Byrne (Providence Resources) and Mr David E Brown (CNSOPB)



08.30 – 09.00

Keynote

EXPLORING THE EQUATORIAL ATLANTIC
Jerome Kelly

09.00 – 10.30

EXPLORATION UPDATE FROM ATLANTIC IRELAND
Noel Murphy, Michael Hanrahan, Clare Morgan and Oonagh O'Loughlin

2012 EXPLORATION AND PRODUCTION UPDATE ON THE MESOZOIC BASINS, NEWFOUNDLAND AND
LABRADOR ATLANTIC CONTINENTAL MARGIN
Michael Enachescu, Wes Foote, Ian Atkinson and John Hogg

MIZZEN – AN OVERVIEW OF THE FIRST OIL DISCOVERY IN THE FLEMISH PASS BASIN, EAST COAST OFFSHORE NEWFOUNDLAND

Simon Haynes, Michael McDonough, Kai Gruschwitz, Trevor Johnson and Ed Stacey

CONTROLS ON FELDSPAR DIAGENESIS, AS SEEN IN THE LOWER CRETACEOUS SANDSTONES OF THE SCOTIAN BASIN, CANADA

Georgia Pe-Piper

DEEP PENOBSCOT, AN ANALOGUE TO DEEP PANUKE – ARE MORE JURASSIC REEFS LURKING OFFSHORE NOVA SCOTIA?

Robert Merrill and Kevin Hill

EXPLORATION IN THE WEST PORCUPINE BASIN: PALEOCENE POTENTIAL

Matthew Warner, Jerry Chessell, Henry Charlampowicz, Steve Morse and Kevin Shrimpton

10.30 – 10.45

Questions and Answers

10.45 – 11.15

Tea/coffee and biscuits

11.15 – 12.15

EARLY OPENING HISTORY OF THE AFRICAN TRANSFORM MARGIN AND ITS INFLUENCE ON UPPER CRETACEOUS DEEPWATER DEPOSITIONAL SYSTEM IN THE DEEP IVORIAN BASIN

Philip Towle, Danny Addis, Allen Brown, John Layman and Keith Mahon

ANALOGUES FOR ATLANTIC CANADA RESERVOIRS FROM THE WESSEX (ENGLAND) AND LUSITANIAN (PORTUGAL) BASINS

Grant Wach, Nuno Pimentel and Rui Pena dos Reis

THE INFLUENCE OF COMPACTION ON THE DEVELOPMENT OF ROLLOVER ANTICLINES: AN EXAMPLE FROM THE WESTERN NIGER DELTA

Hamed F. Khani and Stefan Back

OVERPRESSURE REGIMES OF THE ATLANTIC PASSIVE MARGIN AND PORE PRESSURE PREDICTION

Alistair Chaney

12.15 – 12.30

Questions and Answers

12.30 – 13.00

Conference Closing Ceremony. Handover to Organisers of CM 2014.
Award of speaker and poster prizes

13.00 – 14.00

Lunch/Posters

14.00 – 16.30

Breakdown of exhibition and poster display

General Information

Conference Venue

Trinity College Conference Centre
The Arts Building,
College Green, Dublin 2
Phone: +353 1 896 4477

Registration & Information Desk

The registration and information desk will be open in the conference venue as follows:

Tuesday 21st August	15:00 – 18:30
Wednesday 22nd August	07:45 – 17:30
Thursday 23rd August	07:45 – 17:30
Friday 24th August	08:00 – 14:00

Name Badge

Your personal name badge is your entrance ticket into all conference sessions and contains tickets to any social event you have registered for. Please wear this badge at all times.
Conjugate Margins 2012 badge colour codes are as follows:

Plain – Delegates
Red – Speakers
Yellow - Co-Chairs

Smoking Policy

Smoking is not allowed inside the conference venue.

Important Numbers

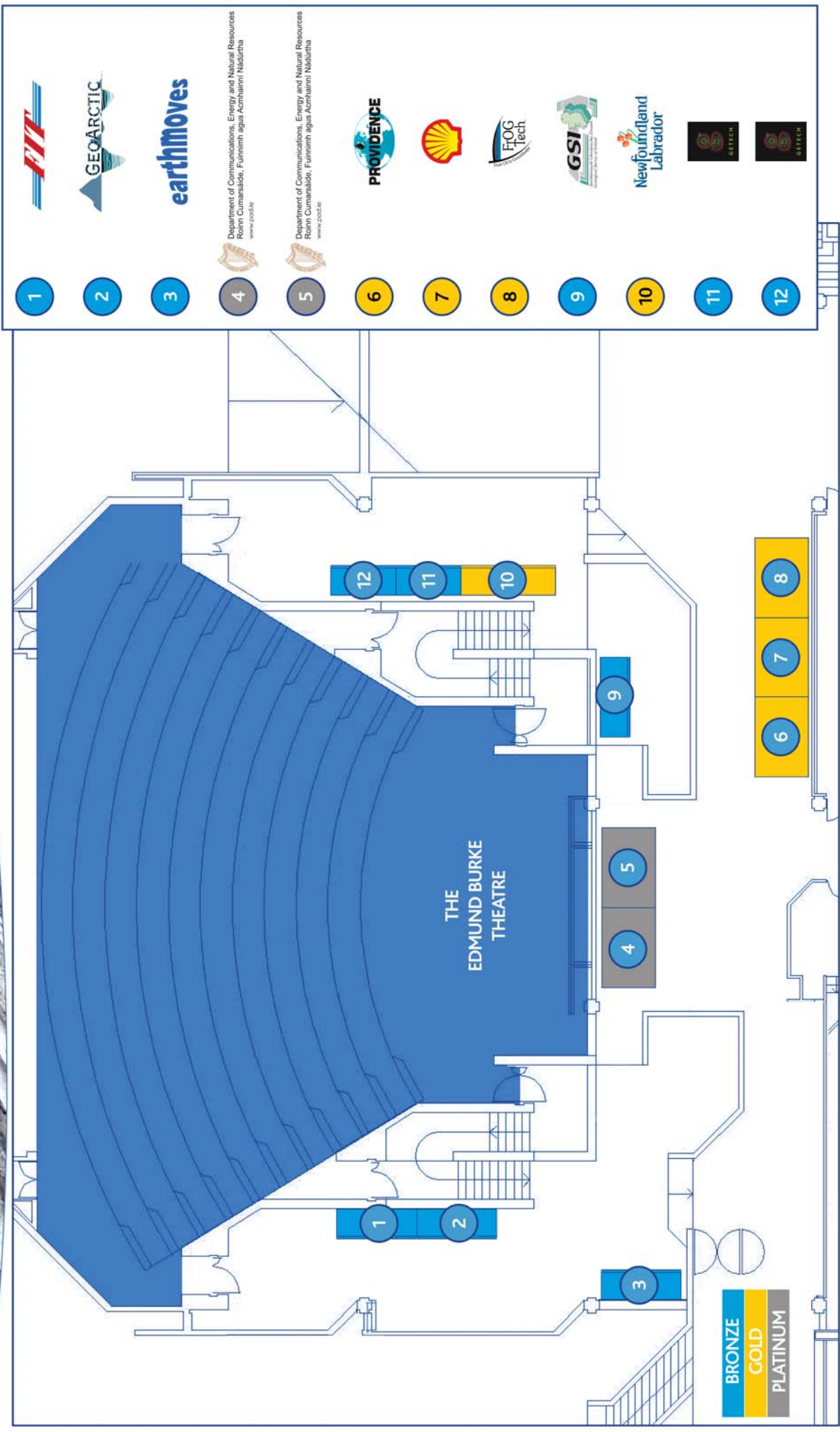
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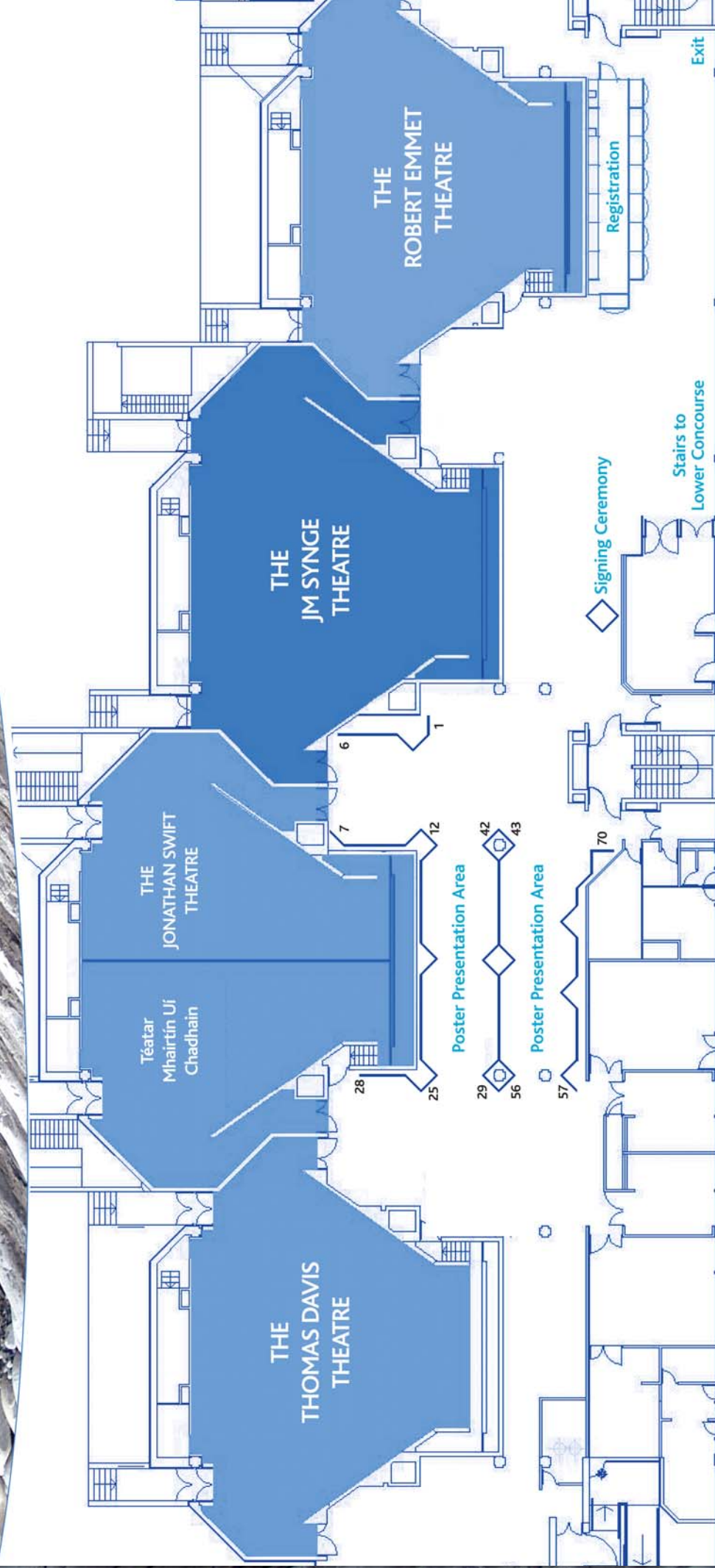
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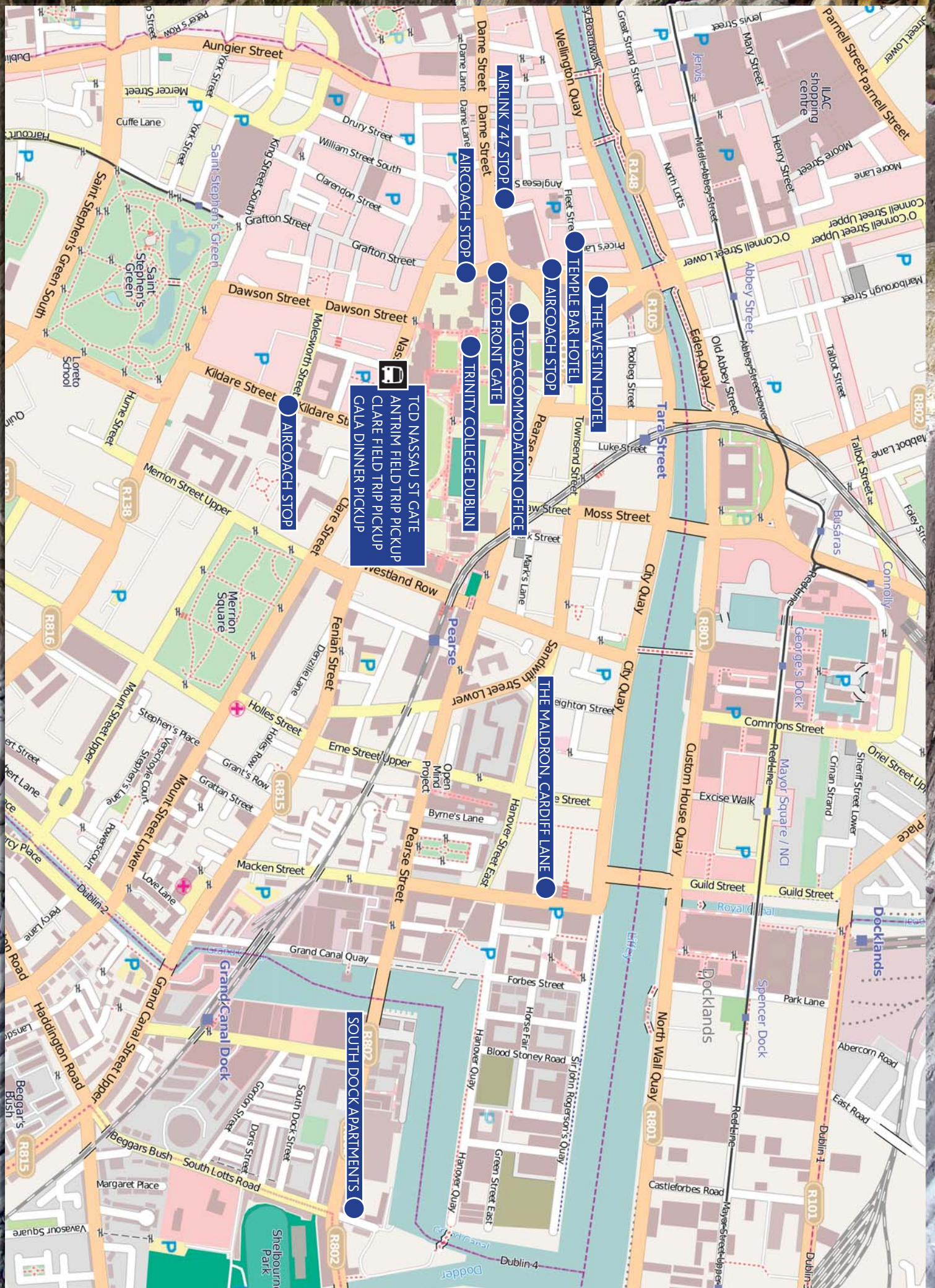






TRINITY COLLEGE, DUBLIN, IRELAND - WEDNESDAY 22ND - FRIDAY 24TH AUGUST POSTER PRESENTATION FLOORPLAN





List of Registered Delegates as of 10th August 2012

Last Name	Title	First Name	Organisation	Country
Schiffer	Mr	Christian	Aarhus University	DENMARK
Merrill	Mr	Robert	Ammonite Nova Scotia	UNITED STATES
Nelson	Mr	Robert	Anadarko	UNITED KINGDOM
Towle	Mr	Philip	Anadarko Petroleum Corp.	UNITED STATES
Frost	Mr	Brian	Anadarko Petroleum Corp.	UNITED STATES
Morrison	Mr	Kevin	Antrim Energy Inc.	CANADA
Adiletta	Mr	Steve	Apache Corporation	UNITED STATES
Leyenberger	Mr	Terry	Apache Corporation	UNITED STATES
Casey	Mrs	Katya	Apache Corporation	UNITED STATES
Alvey	Dr	Andrew	Badley Geodynamics Limited	UNITED KINGDOM
Kusznir	Professor	Nick	Badley Geodynamics Limited	UNITED KINGDOM
Fitzsimmons	Dr	Roy	BHPB Petroleum	UNITED STATES
Bird	Dr	Dale	Bird Geophysical	UNITED STATES
Robbins	Mr	John	Bluestack Energy Ltd	UNITED KINGDOM
O'Driscoll	Mr	Donal	Bluestack Energy Ltd	UNITED KINGDOM
Rawlinson	Mr	Andrew	Bluestack Energy Ltd	IRELAND
Kisin Spasojevic	Dr	Sonja	BP	UNITED STATES
Prendergast	Mr	William	BP	UNITED KINGDOM
Stewart	Dr	Margaret	British Geological Survey	UNITED KINGDOM
Nelson	Dr	Catherine	Cairn Energy PLC	UNITED KINGDOM
Dyson	Mr	Andrew	Cairn Energy PLC	UNITED KINGDOM
Batten Hender	Dr	Kelly	Canada - Newfoundland And Labrador Offshore Petroleum Board (C-NLOPB)	CANADA
Stead	Ms	Jordan	Canada - Newfoundland And Labrador Offshore Petroleum Board (C-NLOPB)	CANADA
Johnson	Ms	Stephanie	Canada - Newfoundland And Labrador Offshore Petroleum Board (C-NLOPB)	CANADA
Deptuck	Dr	Mark	Canada-Nova Scotia Offshore Petroleum Board	CANADA
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Klassen	Mr	Harold	Canada-Nova Scotia Offshore Petroleum Board	CANADA
Smith	Mr	Brenton	Canada-Nova Scotia Offshore Petroleum Board	CANADA
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Roach	Miss	Ceri	Chemostrat Ltd	UNITED KINGDOM
Barnes	Ms	Lisa	Chemostrat Ltd	UNITED KINGDOM
Jin	Mr	Yu	Chevron	UNITED STATES
Middleton	Mr	Tim	Chevron	UNITED STATES
Stowe	Mrs	Jean	Chevron	UNITED STATES
Morgan	Mr	Alan	Chevron Energy Technology Company	UNITED STATES

Last Name	Title	First Name	Organisation	Country
Pena Dos Reis	Professor	Rui	Coimbra University	PORTUGAL
Holm	Mr	Soeren	ConocoPhillips	UNITED STATES
Angelo	Mr	Ricardo	ConocoPhillips	UNITED STATES
Naylor	Dr	Dave	Consultant	IRELAND
Watremez	Dr	Louise	Dalhousie University	CANADA
Louden	Dr	Keith	Dalhousie University	CANADA
Lau	Dr	Ka Wai Helen	Dalhousie University	CANADA
Christians	Miss	Andrea	Dalhousie University	CANADA
Simon	Miss	Sharane	Dalhousie University	CANADA
O'Connor	Mr	Darragh	Dalhousie University	CANADA
Allen	Ms	Janice	Dalhousie University	CANADA
Wach	Professor	Grant	Dalhousie University	CANADA
Jang	Mr	Heeran	Dana Petroleum Plc	UNITED KINGDOM
Murphy	Mr	Noel	DCENR/PAD	IRELAND
Hanrahan	Mr	Michael	DCENR/PAD	IRELAND
Ó hÓbáin	Mr	Ciarán	DCENR/PAD	IRELAND
O'Loughlin	Ms	Oonagh	DCENR/PAD	IRELAND
Fox	Mr	David	DCENR/PAD	IRELAND
Morgan	Ms	Clare	DCENR/PAD	IRELAND
Bertotti	Professor	Giovanni	Delft University of Technology - VU University	NETHERLANDS
Foote	Mr	Wes	Department of Natural Resources, Gov. of NL	CANADA
Middleton	Mr	David	Department of Natural Resources, Gov. of NL	CANADA
MacDonald	Mr	Adam	Department of Energy, Gov. of Nova Scotia	CANADA
O'Reilly	Dr	Brian	DIAS	IRELAND
Mudge	Dr	David	DM Consulting	UNITED KINGDOM
Steel	Mr	Ian	Earthmoves Ltd	UNITED KINGDOM
O'Beirne	Mr	Eoin	Earthmoves Ltd	UNITED KINGDOM
Davison	Dr	Ian	Earthmoves Ltd	UNITED KINGDOM
Craig	Professor	Jonathan	Eni Exploration & Production Division	ITALY
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Karner	Dr	Garry	ExxonMobil URC	UNITED STATES
Mort	Dr	Haydon P.	Federal University of Pernambuco	BRAZIL
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Langton	Mr	Doug	Fluid Inclusion Technologies	UNITED STATES
Connors	Dr	Karen	FrOG Tech Pty Ltd	AUSTRALIA
Blevin	Dr	Jane	FrOG Tech Pty Ltd	AUSTRALIA
Pryer	Dr	Lynn	FrOG Tech Pty Ltd	AUSTRALIA
Bonnardot	Dr	Marie-Aude	FrOG Tech Pty Ltd	AUSTRALIA
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Harris	Dr	James	Fugro Robertson Limited	UNITED KINGDOM
Watson	Dr	John	Fugro Robertson Limited	UNITED KINGDOM

Last Name	Title	First Name	Organisation	Country
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Whittaker	Mr	Richard	GeoArctic Ltd	CANADA
MacDonald	Mr	Rhys	GeoArctic Ltd	CANADA
Ady	Ms	Bridget	GeoArctic Ltd	CANADA
Piper	Dr	David	Geological Survey of Canada Atlantic	CANADA
Keen	Dr	Charlotte	Geological Survey of Canada Atlantic	CANADA
Dehler	Dr	Sonya	Geological Survey of Canada Atlantic	CANADA
Dafoe	Ms	Lynn	Geological Survey of Canada Atlantic	CANADA
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Verbruggen	Mr	Koen	Geological Survey of Ireland	IRELAND
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Gillespie	Mr	Blake	Kosmos Energy	UNITED STATES
Henderson	Mr	Leon B	L. Brooke Henderson, Geologist	UNITED STATES

Last Name	Title	First Name	Organisation	Country
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Brown	Mr	Emmet	Lansdowne Oil & Gas Plc	IRELAND
Palagi	Mr	Paulo Rogerio	Lusitania Geociences SA	BRAZIL
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Gouiza	Mr	Mohamed	Memorial University of Newfoundland	CANADA
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Laird	Ms	Sarah	Neftex	UNITED KINGDOM
Messer	Ms	Ailsa	Neftex	UNITED KINGDOM
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Pinks	Ms	Jennifer	OETR Association, Gov. of Nova Scotia	CANADA
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Goter	Dr	Edwin	PanAtlantic Exploration Company	UNITED STATES
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Dias Lima	Mr	Rodrigo	Petrobras Petroleo Brasileiro S.A.	BRAZIL
Jardim	Mr	Celso	Petrobras Petroleo Brasileiro S.A.	BRAZIL
Oliveira	Mr	Joao Alberto	Petrobras Petroleo Brasileiro S.A.	BRAZIL
Bueno	Dr	Gilmar	Petrobras Petroleo Brasileiro S.A.	BRAZIL
Blanco	Mrs	Fatima	Petrobras Petroleo Brasileiro S.A.	BRAZIL
Dos Santos	Mr	Sergio	Petrobras Petroleo Brasileiro S.A.	BRAZIL
Ferreira	Mr	Rudy	Petrobras Portugal	PORTUGAL
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Stout	Mr	Andre	Physicalgeo Limited	UNITED KINGDOM
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O'Neill	Mr	Nick	PIP Secretariat	IRELAND
Murphy	Mr	Fergal	Providence Resources Plc	IRELAND

Last Name	Title	First Name	Organisation	Country
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Watson	Mr	Myles	Providence Resources Plc	IRELAND
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Smyth	Ms	Annemarie	Providence Resources Plc	IRELAND
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Bray	Mr	Alexander	Shell Exploration & Production	UNITED STATES
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Saunders	Mr	Mike	Spectrum Geo Inc.	UNITED STATES
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Last Name	Title	First Name	Organisation	Country
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Howell	Professor	John	University of Bergen	NORWAY
McDermott	Mr	Kenneth	University of Birmingham / University College Dublin	IRELAND
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Correia	Mr	Ulisses	University of Lisbon	PORTUGAL
Grou	Mr	Tomás	University of Lisbon	PORTUGAL
Cowie	Miss	Leanne	University of Liverpool	UNITED KINGDOM
Jonathan	Mr	Atunima	University of Manchester	UNITED KINGDOM
Dunlap	Mr	Dallas	University of Texas at Austin	UNITED STATES
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Colleran	Mrs	Nurdan	Volunteer Services Overseas (VSO)	IRELAND
Bresser	Dr	Georg	Wintershall Holding GmbH	GERMANY

[illegible]

[illegible]

A background image of a rocky coastline. In the foreground, there's a large, white, layered rock formation, possibly a sea stack or a cliff face, with a blue sky and white clouds in the background. The overall scene is a coastal landscape.



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