

Provisional Programme

Day One	
08.30	Registration
09.00	Welcome - Safety, Notices, Introduction
09.10	Conference Keynote : Rob Butler, <i>University of Aberdeen</i> Interpreting structural geometry in fold-thrust belts: why style matters.
Session One: Zagros	
09.40	Salt tectonics in fold and thrusts belts: examples from case studies and analogue modelling Josep Anton Muñoz, <i>University of Barcelona</i>
10.00	Tectonics and petroleum system comparison of fold-thrust belts: the Sevier of the western US, the Pyrenees of Spain, and the Zagros of Iraq and Iran Jerome Kendall, <i>University of New Mexico</i>
10.20	Structure and kinematics of the central Sivas Basin (Turkey): A fold-and-thrust belt with salt tectonics Etienne Legeay, <i>Total</i>
10.40	BREAK: Posters in the Lower Library (30 mins)
11.10	Crustal-scale pure shear in fold-and-thrust belts? Thoughts on the deformation style in the Kurdistan Zagros Oscar Fernandez, <i>Repsol</i>
11.30	Along-strike variation of a large scale anticline: Bekhair Anticline of the Zagros-Tauride belt N. Bozkurt Çiftçi, <i>Genel</i>
11:50	Evolution of the NW Zagros Fold-and-Thrust Belt in Iraqi Kurdistan from balanced and restored crustal-scale sections and forward modelling Edouard Le Garzic, <i>Université de Pau et des Pays de l'Adour</i>
12.10	Styles of compressional deformation and tectonic inheritance in the Kurdistan Zagros Thrust Belt of NE Iraq Raffaele Di Cuia, Paolo Pace, <i>G E Plan</i>
12.30	LUNCH: Posters in the Lower Library (90 mins)
14.00	A review of Central Kurdistan Region of Iraq Structures: Integrating field geology, wells and seismic to understand the different parameters controlling their formation Francois Sapin, <i>Total</i>
14.20	Structure of the Lurestan region of the Zagros fold-and-thrust belt, Iran Stefano Tavani, <i>University of Naples</i>
14.40	Structural Variation in Himalayan Fold and Thrust Belt, a Case Study from Kohat-Potwar Fold Thrust Belt of Pakistan Humaad Ghani, <i>Univeristy of Potsdam</i>
15.00	Remote sensing application to the Fars Region of the Zagros Mountains in Iran Jorge Gines, <i>CGG</i>
15.20	BREAK: Posters in the Lower Library (60 mins)
Historical Map display in the Council Room	
Session Two: South East Asia	
16.20	Fold & Thrust Belts of the Banda Arc Peter Baillie, <i>CGG</i>
16.40	Interaction between the folded structures of the PNG highland Reinaldo Ollarves, <i>Santos Limited</i>
17.00	Variation in Structural Style Between Two Complex, En-echelon Forelimb Structures in the Papua New Guinea Fold Belt Ruth Wightman, <i>Oil Search Limited</i>
17.20	Evolution of the North West Fold and Thrust Belt, Papua New Guinea: constraints from new data and multi-method structural modelling Luke Mahoney, <i>University of Melbourne</i>

17.40	Finish
	Wine Reception (17.45-19.30) Sponsored by StructureSolver

Day Two	
09.00	Registration
	Session Three: Europe
09.30	The Pre-orogenic Template is not a Layer-cake: the Role of Rift Inheritance in Orogeny Highlighted by the Western Pyrenees Case-study Emmanuel Masini, <i>Total</i>
09.50	The inversion of the North-Iberian hyperextended margin Jesús García-Senza, <i>Instituto Geológico y Minero de España (IGME)</i>
10.20	Post-orogenic evolution of Mountain/Foreland basins systems: case study of the Pyrenean retro-foreland Charlotte Fillon, <i>Université Toulouse /Total</i>
10.40	Introducing salt tectonics in the Northern Calcareous Alps (Austria): a first-order element from continental margin to compressional rejuvenation Pablo Granado, <i>University of Barcelona</i>
11.00	BREAK: Posters in the Lower Library (30 mins)
11.30	Testing thin- and thick-skinned tectonics ahead of foreland thrust belts: an application to the deformed Adriatic foreland of Italy Paolo Pace, <i>G E Plan</i>
11.50	The Maiella Anticline Cretaceous platform margin (Italian Apennines) and insights for Mediterranean exploration Davide Casabianca, <i>Total</i>
12.10	Structural Interpretation of a Regional Section in the South Carpathian Foredeep Pablo Hernández, <i>Repsol</i>
12.30	New Discoveries and New Plays in the Carpathian Fold and Thrust Belt: Innovating New Structural and Stratigraphic Concepts for Future High Impact Exploration Mark Enfield, <i>EPI</i>
12.50	Thrust tectonics and hydrocarbon exploration in the Patraikos gulf (Western Greece offshore) ClaudioTurrini, <i>Hellenic Petroleum Spa</i>
13.10	LUNCH: Posters in the Lower Library (90 mins)
	Session Four: Analogue Modelling
14.00	Shortening accommodation in deepwater contractional fold belts: an experimental investigation L. Mattioni, <i>ENGIE E&P</i>
14.20	Insights into detachment folds and subsalt duplex geometries in the Eastern Carpathian Bend Zone, Romania: an analogue modelling approach Dan M. TĂMAȘ, <i>OMV Petrom</i>
14.40	New devices to predict deformation for a geometrically non-uniform accretionary wedge. Applications to fold-and-thrusts belts P. Souloumiac, <i>University of Cergy-Pontoise</i>
15.00	BREAK: Posters in the Lower Library (40 mins)
	Session Five: Fractures
15.40	Are fracture networks easy to predict in the subsurface? The lesson learned from a discovery in Northern Iraq (Kurdistan Region) Raffaele Di Cuià, <i>G E Plan</i>
16.00	Fold evolution and natural fracture prediction using multi-scale geomechanical modeling with application to a Kurdistan Zagros fold Rodrick Myers, <i>ExxonMobil</i>
16.20	Development Of Fault-Parallel Veins (Slickenveins): An Example From The Hudson Valley Fold-Thrust Belt, New York Stephanie Mager, <i>BP America</i>

16.40	Controls on fracture intensity in a carbonate anticline, Sawtooth Range, Montana Hannah Watkins, <i>University of Aberdeen</i>
17.00	Finish
	Wine Reception (17.15-19.30) Sponsored by StructureSolver

	Day Three
08.30	Registration
	Session Six: Numerical Modelling
09.00	Mechanical controls on structural styles in shortening environments: A discrete-element modeling approach Amanda Hughes, <i>University of Arizona</i>
09.20	Effect of fluid pressure distribution on the structural evolution of accretionary wedge Jonas B. Ruh, <i>ICTJA-CSIC</i>
09.40	Quantitative Structural Analysis of Newly Acquired Data from Mexican Ridges Fold Belt Nathan W. Eichelberger, <i>StructureSolver</i>
10.00	Coupled Geomechanical Forward Model Of A Gravitationally-Driven Fold-And-Thrust Belt Juan Manuel Jiménez, <i>Repsol</i>
10:20	Role of tectonic inheritance in the latest Cretaceous to Paleogene Eurekan Orogeny (NE Canadian Arctic) Berta Lopez-Mir, <i>CASP</i>
10:40	BREAK: Posters in the Lower Library (30 mins)
	Session Seven: South America
11:10	An Integrated Approach To De-Risking Exploration And Appraisal In Structurally Complex Fold And Thrust Belts: Application To The Incahuasi Field (Bolivia) Vincenzo Spina, <i>Total</i>
11:30	Structure and Hydrocarbon potential of the Northern Bolivia Subandean thrust belt (Beni Basin) Mélanie Louterbach, <i>Repsol</i>
11:50	3D Structural Style Along a Transfer Zone, Southern Subandean Zone, Bolivia Massimo Bonora, <i>Repsol</i>
12:10	LUNCH: Posters in the Lower Library (90 mins)
	Session Eight: Thermochronology
13.40	Using thermochronometry to date thrust related exhumation in the Western Taurides fold-thrust belt (Turkey) Peter J McPhee, <i>Utrecht University</i>
14.00	Quantifying vertical movements in fold and thrust belts: subsidence, uplift and erosion in Kurdistan, Northern Iraq Richard Tozer, <i>Maersk Oil</i>
14.20	The Polish-Ukrainian hydrocarbon province of the Carpathians fold and thrust belt: constraints from balanced cross-sections coupled with low-temperature thermochronometry Stefano Mazzoli, <i>University of Naples</i>
14.40	BREAK: Posters in the Lower Library (40 mins)
	Session Nine: Petroleum Systems
15.20	Modelling complex hydrocarbon migration and accumulation in fold and thrust belts Lawrence Gill, <i>BP</i>
15.40	A New Kinematic Tool for Petroleum System Modeling in Complex Structural Settings: Application to the Foothills Region of Kurdistan Marie Callies, <i>Beicip-Franlab</i>
16.00	Modelling Trap integrity in a Deepwater Toe thrust: The role of geo-history Neil Grant, <i>ConocoPhillips</i>
16.20	Conference Closing
16.30	Finish

Posters Day 1

<p>Review of Papuan-Aure Fold Belt Structural Models (PRL15), Papua New Guinea, based on structural forward modeling, recent well results and surface analysis. Charlie Kergaravat, <i>Université de Pau et des Pays de l'Adour</i></p>
<p>Estimating the hidden layer parallel strain (LPS) in Brunei deep water fold-thrust belt X. Yang, <i>University of Southampton</i></p>
<p>Polyphase fold-and-thrust tectonics in the Belluno Dolomites: mapping, kinematic analysis, and 3D modelling reveal superposition of Dinaric and Alpine deformations Andrea Bistacchi, <i>Università degli Studi di Milano Bicocca</i></p>
<p>Influence of syn-tectonic sedimentary rate on the geometry and kinematic evolution of growing experimental wedges: Comparison to Kuqa fold-and-thrust system (NW China) Oriol Pla, <i>Universitat de Barcelona</i></p>
<p>Structural style of a fold-and-thrust belt involving laterally-changing, multiple décollements: the Kuqa fold-and-thrust belt (NW China) Esther Izquierdo-Llavall, <i>Universitat de Barcelona</i></p>
<p>Variation in sedimentation patterns from internal to external basins in accretionary settings: examples from the East Coast Basin of New Zealand McArthur, A.D, <i>University of Leeds</i></p>
<p>Geological development of the offshore Timor Orogen Pedro Martinez Duran, <i>CGG</i></p>

Posters Day 2

<p>Along strike structural variation in the French Sub-Alpine chains Hannah Watkins, <i>University of Aberdeen</i></p>
<p>Structural styles and evolution of a submarine fold and thrust belt, South Falkland Basin Dave McCarthy, <i>BGS</i></p>
<p>Along-strike variation of thrust-related folds in the curved thrust systems of the Central-Northern Apennines of Italy Paolo Pace, <i>G E Plan</i></p>
<p>Inferring foreland-directed gravitational collapse along curved thrust fronts from the analysis of a minor thrust-related shear zone in the Umbria-Marche thrust belt (Central-Northern Italy) Paolo Pace, <i>G E Plan</i></p>
<p>A small but perfectly-formed and prospective fold-thrust belt in the southern Irish Sea and central Pennines of England Tim Pharaoh, <i>BGS</i></p>
<p>Structural inheritance of Triassic–Jurassic normal faults in a Cretaceous thrust and fold belt based on seismic and field data (western Transdanubian Range, Hungary) Gábor Héja, <i>MTA-ELTE Geological</i></p>
<p>Contrasting styles of compressive deformation in the Central Adriatic foreland fold-and-thrust belts: implications for traps and source rocks distribution Vittorio Scisciani, <i>Università degli Studi 'G. d'Annunzio' di Chieti-Pescara</i></p>
<p>Structural inheritance of fault displacement profiles from continental rifting to thrust fault propagation – from observations to mechanics. Simon J Oldfield, <i>University of Leeds</i></p>
<p>Structural architecture of the northern part of Lesser Caucasus: an eastern Achara-Trialeti fold and thrust belt, Georgia Victor Alania, <i>Tbilisi State University</i></p>

The geometry and kinematic evolution of central Lesser Caucasus basement wedge, Georgia: Implication for building an eastern Achara-Trialeti fold and thrust belt

Nino Sadradze, *Tbilisi State University*

Multiscale characterization of fracturing in folded platform carbonates: the case study of the Island of Pag, External Dinarides of Croatia

Silvia Mittempergher, *Università degli Studi di Milano Bicocca*

Posters Day 3

Along-strike variation of thin-skinned thrusting style controlled by pre-existing basement structure in the easternmost Jura Mountains (northern Switzerland)

Herfried Madritsch, *Nagra*

Newly-observed Caledonian and Devonian fold and thrust structures in the UK North Sea

Stefano Patruno, *PGS*

Structural styles and the 4D evolution of the Maranhao deepwater fold belt, NE Brazil

Javier Tamara, *Royal Holloway, University of London*

Integration of different vintage data for revitalising exploration of proven and prospective plays in the Apulian thrust belt of southern Italy

Paolo Pace, *G E Plan*

Modeling Growth Strata to Constrain Development of Contractional Structures

Nathan W. Eichelberger, *StructureSolver*

Microstructural changes and dehydration of slates in the temperature window 180-330°C

Vénice Akker, *University of Bern*

Seismic in Over Thrust Environment; Approaching the challenge

Jose Olaya, *Repsol*

Understand and Model Complex Geology of Fold and Thrust Belts - from Interpretation to Fluid Flow Prediction

Melanie Morin, *Paradigm*