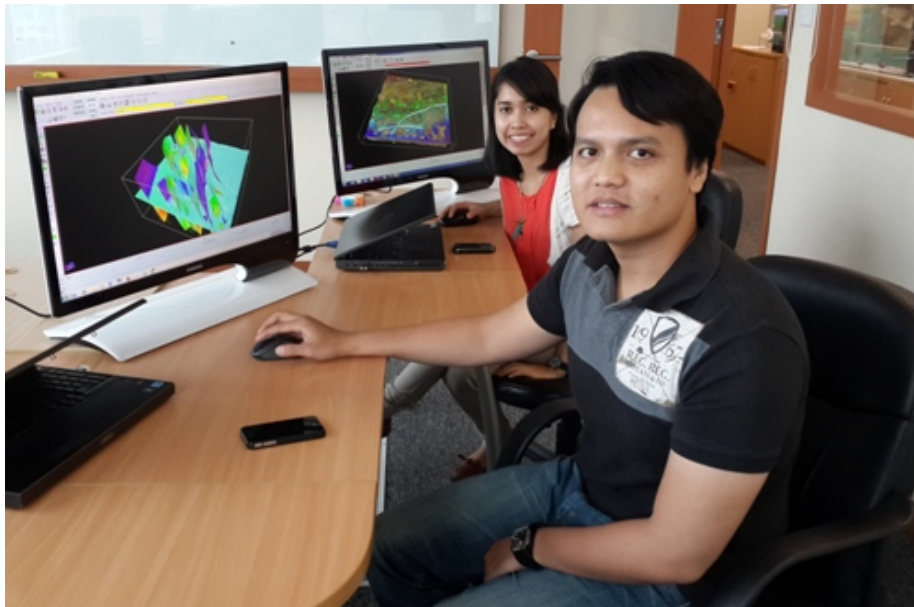




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Extensive training for our Indonesian partners

PetroPro, our long-standing partner in Jakarta has invested significantly in software support for TrapTester. Currently they have six staff that work with our products and two of their principal geoscientists recently visited the Badleys team in the UK for in-depth training on new features and advanced functions in TrapTester. Renny Sara, a geology graduate from Padjadjaran University, Bandung and Davis Siregar, a geophysicist from Universitas Pembangunan Nasional "Veteran" Yogyakarta both have valuable industry experience making them ideally suited to assist our rapidly expanding user base in Indonesia.



A strong presence in Houston: AAPG 2014



Badleys will be well represented at both the AAPG ACE Exhibition and Conference in Houston this year. Visit us at our Exhibition booth, #949 (next to the Cyber Cafe) to discuss any structural geology issues. We will be delivering many oral and poster presentations (see below for details) and welcome you to attend. If you or a colleague will be in the area but not currently attending the AAPG Houston please **contact us** about a complimentary guest pass.

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BADLEYS CALENDAR

AAPG ACE 2014

6 - 9 April
Houston
USA

Badleys will be exhibiting at the AAPG to be held in Houston, USA. Please drop by Booth #949 next to the Cyber Cafe. Read about our strong technical presence in this newsletter and visit the AAPG [website](#) for more info.

Fault-seal & TrapTester training courses 2014

9 - 13 June
Badleys HQ
Hundleby, UK

We will be running our annual Fault-Seal Analysis and Introduction to TrapTester in-house training courses in June. Places are still available. See this newsletter and our [website](#) for more details.

Geometry and Growth of Normal Faults

23 - 25 June 2014
London, UK

Badleys is sponsoring this upcoming conference celebrating the 25th anniversary of the Geological Society's 1989 'Geometry of Normal Faults' conference. The conference is in memory of Juan Watterson, one of the pre-eminent scientists in the field of 3-D fault analysis and modelling, and covers the full range of technical issues associated with the growth of normal faults, together with their practical applications.

More info can be found on the conference [website](#).



SEG Denver 2014

26 - 31 October

Denver

USA

Badleys will be exhibiting at the SEG to be held in Denver, USA. More details to follow in future newsletters. Visit the SEG [website](#) for more info.

Technical presentations at AAPG Houston

Nick Kuszniir: The Prediction of Basement Composition and Radiogenic Heat-Flow Contribution for Petroleum System Modelling in Deep-Water Frontier Exploration. *Theme 7, Monday 13:20, Room 370.*

Rob Pascoe: Crustal Architecture and Passive Margin Evolution of the Northern Gulf of Mexico Basin - Applications to Exploration Workflows. *Theme 8, Mon 13:20, Room 320.*

Dave Quinn: A Geomechanical Approach to Predicting Fracture Orientation, Density and Conductivity: an Example from the Gorm Field, Danish North Sea (Poster Tue, Theme 8)

The Influence of Pre-Existing Rift Fabric on Subsequent Fault Array Evolution; an Example from the Horda Platform, Norwegian North Sea. *Theme 8, Wed 13:20, General Assembly A.*

Andy Alvey: Plate Reconstructions for the Arctic and Northeast Atlantic Constrained by Crustal Thickness and Lithosphere Thinning from OCTek Gravity Inversion. *Theme 8, Wed 13:40, General Assembly A.*

OCTek Arctic: A New Ventures Exploration Tool for Mapping Ocean-Continent Transition Structure and Location (Poster, Wed, Theme 8).

Brett Freeman: Structural Trapping of Buoyant Fluids. *Theme 8, Wed 08:25, General Assembly A.*

Alan Roberts: Using Deep-Seismic Data to Model Crustal Structure, Geodynamic Evolution and Thermal History in the Eastern Gulf of Mexico. *Theme 8, Wed 14:00, General Assembly A.*

Leanne Cowie: OCT Structure, COB Location and Magmatic Type of the SE Brazilian and S. Angolan Margins From Integrated Quantitative Analysis of Deep Seismic Reflection and Gravity Anomaly Data. *Theme 8, Wed 15:45, General Assembly A.*

Integrated Quantitative Analysis of Deep Reflection Seismic and Gravity Anomaly Data: Application to Eastern Gulf of Mexico OCT Structure and Location (Poster, Wed, Theme 8).

AAPG Petroleum Structure and Geomechanics Division

In addition to the main conference presentations, Alan Roberts will also be speaking at the Tuesday evening meeting of the Petroleum Structure and Geomechanics Division.

Beyond the postage stamp - can geodynamics really enhance margin prospectivity?

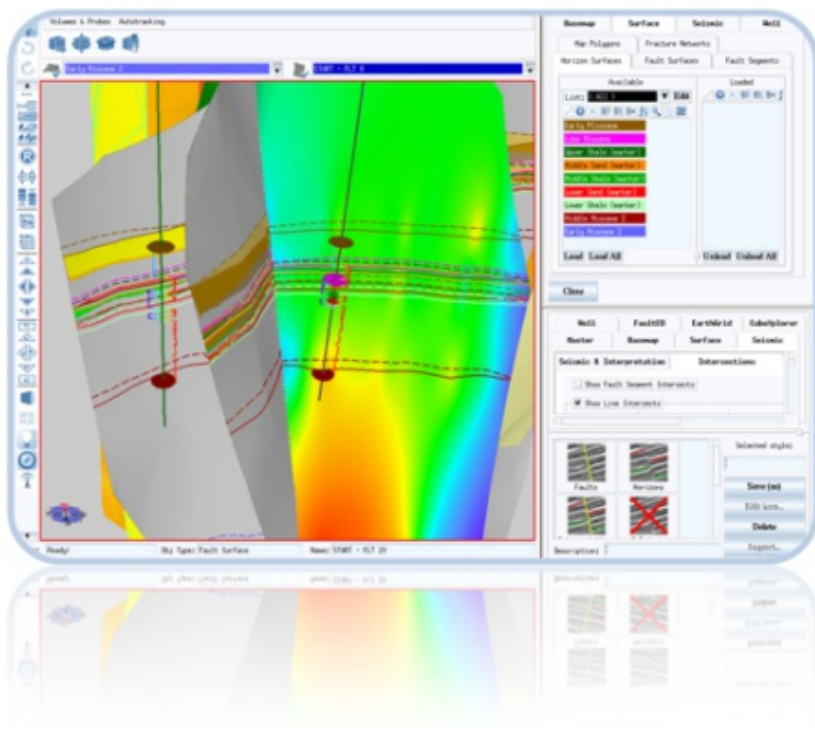
Alan will be one of three contributors, with a presentation titled "Integrating gravity and subsidence analysis to improve our understanding of lithospheric processes".

When? April 8th, 17.30 Ice breaker, 18.15 Business meeting, **19.30 Technical Session**

Where? Hilton Americas Lanier D meeting room. All are welcome to attend!

Preview the upcoming TrapTester release

We will be previewing the upcoming TT release at the exhibition centre, please drop by to take a test drive.



Summer training courses 2014 - places available

We would like to draw your attention to our annual in-house training courses, which take place on **9th-13th June**. If you are new to Fault-Seal Analysis and/or TrapTester, or simply want to refresh your skills, there are still places available to join us here in Lincolnshire.

Fault-Seal Analysis (9-10 June)



This two-day theory based course, will take place on **9 & 10 June**, and is regarded by many explorationists as the industry standard training course on methods and techniques for evaluating sealing faults. The emphasis is placed on the application of an objective methodology to the analysis of sub-surface data (seismic interpretation and wells). The course is suitable for geologists, geophysicists and reservoir engineers. All sessions comprise practical sessions and lectures.

Fault-Seal Analysis using TrapTester (11-12-13 June)



The popular three-day TrapTester training course will take place on **11-12-13th June**. It is suitable for geologists who have no previous experience of TrapTester and also would be a perfect refresher for those who have not used TrapTester for a while.

The course develops and expands the most frequently used workflows leading to fault seal analysis and column height prediction. In addition to the primary focus, the course covers the key factors that influence any fault seal analysis, namely fault interpretation and framework modelling. Concepts/practices covered include interpreting faults and horizons in 3D seismic, derivation of a geologically robust three dimensional faulted

framework model, structural quality control, geometric seal analysis, integration of well data, the SGR method, fault seal calibration and geomechanical risk factors.

If you wish to register for one or both of these courses, please **contact us** or phone us at +44 (0) 1790 753472. Visit our **website** for more information.

We welcome Amy and Emma to our team

Badley Geoscience is delighted to welcome two new members to our Support, Training and Consultancy team.

Dr. Amy Clarke is a structural geologist and has recently completed a PhD in carbon capture and storage. She joined at the start of the year but has previously worked with Badleys as part of her PhD, which involved the geological characterisation and storage capacity estimation of several depleted gas fields on the UK continental shelf. With a background in TrapTester and fault-seal analysis she has hit the ground running.



Dr. Emma Michie also joined Badleys at the start of 2014 as a structural geologist. She has recently completed her PhD specialising in the petrophysical properties of carbonate-hosted fault zones. The research involved analysing fault and fracture patterns and how this can influence their velocity signature and sealing potential. Emma adds to our Carbonate expertise as well as having worked with siliciclastic transmissibilities in cellular models during her oil company experience.



Both Amy and Emma will be at the AAPG Houston so if you are there please drop by to say hello!

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Badley Geoscience Ltd
North Beck House, North Beck Lane, Hundleby
Lincolnshire, England, PE23 5NB, UK
+ 44 (0) 1790 753 472

www.badleys.co.uk

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