



## TrapTester Training course

17-18-19th November 2008

**Badleys** is offering a public training course (Introduction to TrapTester) in our offices in Lincolnshire from the 17th to 19th November. The course is aimed at new users and will introduce framework model building, fault-seal analysis and geological risk evaluation via a hands-on format.

Our TrapTester software training course aims to deliver all the knowledge needed to integrate TrapTester into your everyday work environment.

The total cost of the course is £1250 + VAT (17.5%) per person. If you wish to register for the course, please contact us at [info@badleys.co.uk](mailto:info@badleys.co.uk) or phone us at +44 (0) 1790 753472. Visit our [website](#) for more information.

Contents, in brief, are:

- Building the structural framework (*creating fault surfaces, polygons, horizon surface modelling*).
- Modelling surface attributes
- 3-D Fault-seal analysis (*algorithms & processes, multiple well curves, detailed reservoir stratigraphy, fault seal calibration & estimating column heights*).
- 1-D Fault-seal analysis (*using TrapTester-Triangle*).
- Geo-mechanical analysis (*using StressTester to evaluate the risk of fault reactivation*).

## See you at AAPG International Conference & Exhibition



Badleys will have a presence at the International Conference & Exhibition, held this year in Cape Town, South Africa, during **26-29 October**. We will be exhibiting in booth **#456** next to our Upstream Technology Alliance partner **Midland Valley**.

Please come and visit our stand to get previews of the new features in the upcoming **TrapTester 6**, or if you want to discuss any issues related to structural geology and tectonics in which we or our alliance partner Midland Valley may be of assistance.

We will also be presenting at the conference:

*Monday afternoon session: Theme 2, Mesoscale and Large Scale Tectonics.*

**14:10.** A. Roberts, N. J. Kusznir, K. Boyd, M. Thompson: Mapping Crustal Thickness and the Ocean-Continent-Transition in the Santos and Campos Basins, Brazilian South Atlantic.

**17:05.** A. Roberts, N.J. Kusznir, R. Woodfine, S. Matthews, A. Belopolsky, C. Stover, A. Goncharov: Stretching Estimates Across the Browse Basin Continental Margin NW Australia: from 2-D Basin-Modelling and 3-D Gravity Inversion.

*Wednesday afternoon session: Theme 2, New Developments in Faults.*

**13:50.** G. Yielding, A. Roberts, P. Bretan, B. Freeman, D. Quinn, M. van Noorden: A Review of Fault Seal Calibration Methods.

**16:45.** P. Boulton, B. Freeman, G. Yielding, D. Quinn: Reducing the Structural Uncertainty in Poor 2-D Seismic Data, Gambier Embayment, Otway Basin, Australia - A Minimum Strain Approach.

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# TrapTester 6

*Coming soon to a workstation near you...*

TrapTester is the world's leading software suite of modelling and analysis tools which help to derive a better, more informed solution to structural geological problems. The upcoming **TrapTester 6** release will give users even more functionality in the same, recognisable interface. Over the next months we will keep users informed about the release and the newest additions to the TrapTester suite.

Some of the new features that are included in TrapTester 6 are:

**TrapAnalyst** - the new faulted trap delineation and analysis tool provides a method of abstracting spatial, geometric and attribute information from a suite of faults that bound a trap. The information is reported in tabular form for the purpose of assessing trap and seal integrity.

The critical leak-points are extracted and displayed automatically for complex faulted compartments.

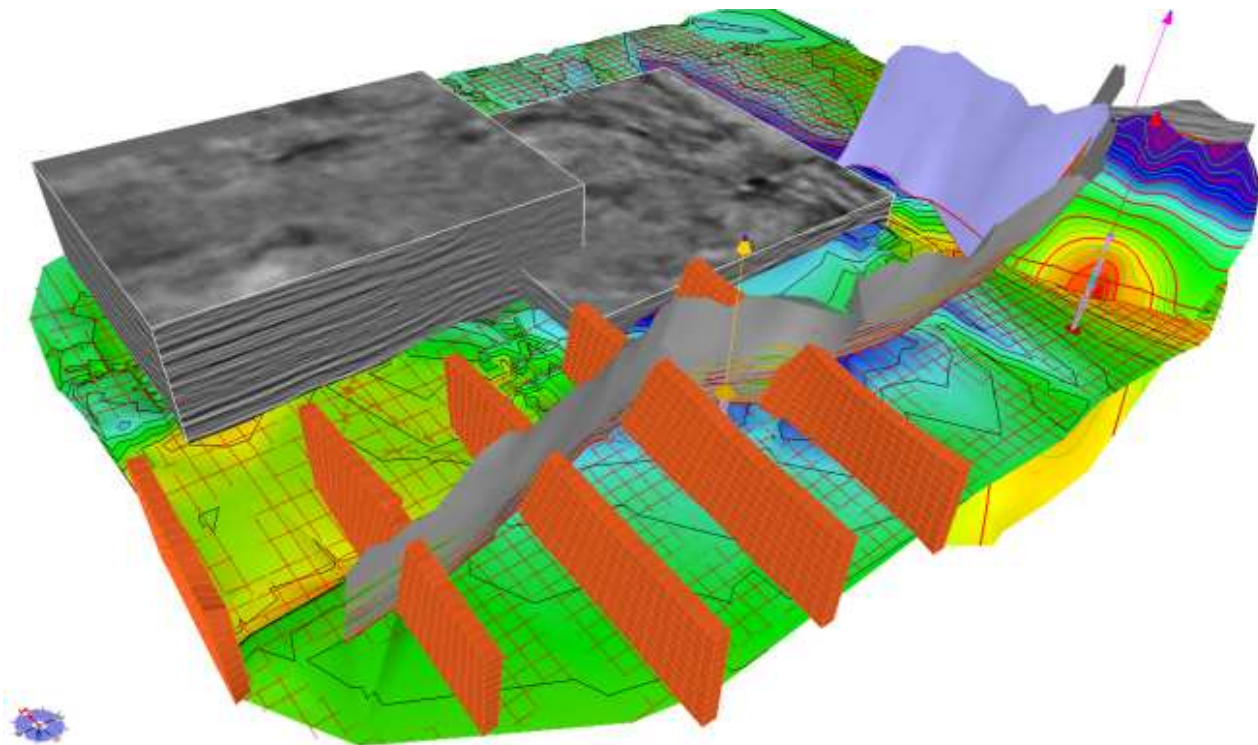
**CubeXPlorer** - is a completely new infrastructure enabling the loading, management, visualisation and interpretation of

large volumes of seismic data. Important in the new feature-set of CubeXPlorer is the use of true volume rendering and transparency for optimal visualisation of internal seismic structures, arbitrary sized volumes and probes, and interactive moving and resizing of probes.

**TT-TransGen** - the integration of our two flagship products sees the advanced structural geological and fault property modelling of TransGen3 inside the intuitive and interactive environment of TrapTester. The results of single and batch run models are made available to reservoir simulators in the form of transmissibility modifiers.

For more information on the new features please [contact us](#). We are always happy to discuss any aspects of the TrapTester product suite.

**N.B.** TrapAnalyst and CubeXPlorer are available free to all our costumers with current M&S contracts.



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# Silver Anniversary Technology Meeting Midland Valley

30th September & 1st October 2008

Our Upstream Technology Alliance partner **Midland Valley** celebrates its 25th Anniversary on the 30th of September and 1st of October in the Glasgow Science Centre. The 2 day meeting will focus on trends and tools in structural geology, including sessions from geology in the field to operations geology and applications within the mineral industry. Speakers from academia and industry, including Brett Freeman of Badleys, will be presenting on a range of topics.

Breakout sessions are scheduled, which will include a variety of demonstrations and posters on topics such as integration of seismic mapping; geo-constrained section construction and model building techniques. Badleys will have a presence at the meeting, and will be giving live software demonstrations.

Please visit Midland Valley's [website](#) for more information on this event.

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## Out and About

### **Fault Zones: Structure, Geomechanics and Fluid Flow (16-18 September 2008, London, United Kingdom)**

Brett Freeman will be presenting at the upcoming Fault Zones meeting. His talk, titled "*Using empirical geological rules to reduce structural uncertainty in seismic interpretation of faults*" is scheduled for Tuesday 16th September, at 15:40.

In August, Alan Roberts presented at the Rift Renaissance meeting of the Geological Society of London in Houston. If you would like more information about these, or any of our recent talks, please [contact us](#).

### **Pete completes Vitruvian Triathlon.**

On Saturday 8th September, Pete competed in the Vitruvian National Middle Distance Triathlon Championships held at Rutland Water. The Vitruvian Triathlon starts with a 1900m swim followed by an 84km bike ride which is followed by a 21km run. This type of triathlon is often referred to as a 'Middle Distance' or 'Half Iron Man' race.

Pete completed this grueling event in 5 hours 55 minutes and 11 seconds coming 549th out of 700 competitors.

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