



Issue 32, March 2009

TT5.4 is now R5000 compatible

New patch online

The TrapTester patch 5.411 contains a new link to OpenWorks R5000. The new data link will operate on Linux RedHat Enterprise 4 or 5 and against OpenWorks R5000.0.0.3+

We recommend that you upgrade to the highest patch level. Visit our [website](#) for the latest patch release notes and for installation instructions.

TrapTester 6

Update on the upcoming release



We are pleased to announce that the release for **TrapTester 6** has been set to late Q1. **TrapTester 6** brings together even more functionality for all your structural modelling and fault-seal analysis.

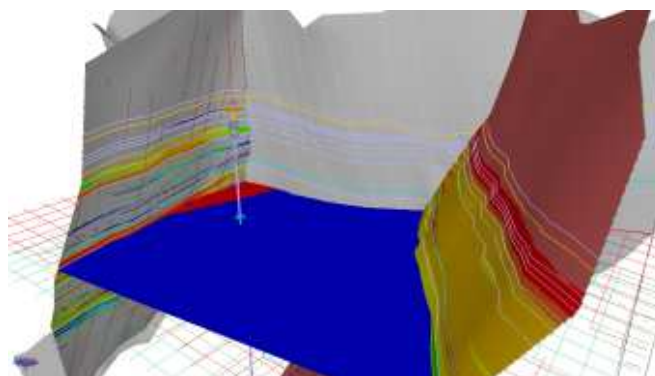
Key highlights for TT6.0 are:

TT-TransGen - the TransGen software has been incorporated as completely new functionality within the EarthGrid system and provides a scenario-based approach to permit single and/or batch runs using a set of specific instructions. The basic TT-TransGen functionality replaces the old TMXMapper system, but provides greater flexibility. Beyond the basic functionality, the new integrated system permits the advanced modelling of fault drag and relay zones at sub-grid-cell scale and includes their effects when generating fault transmissibility values on export.

CubeXplorer - allows rapid 3D appraisal of the seismic volume, *i.e.* to check the consistency of fault and/or horizon interpretation as one moves through poor seismic data. The Volume render mode allows the identification of structural elements in the seismic, *e.g.* channels that meander through the seismic volume.

TrapAnalyst - a new module that can be used to establish the critical depth and critical hydrocarbon column height on chosen faults in a prospect.

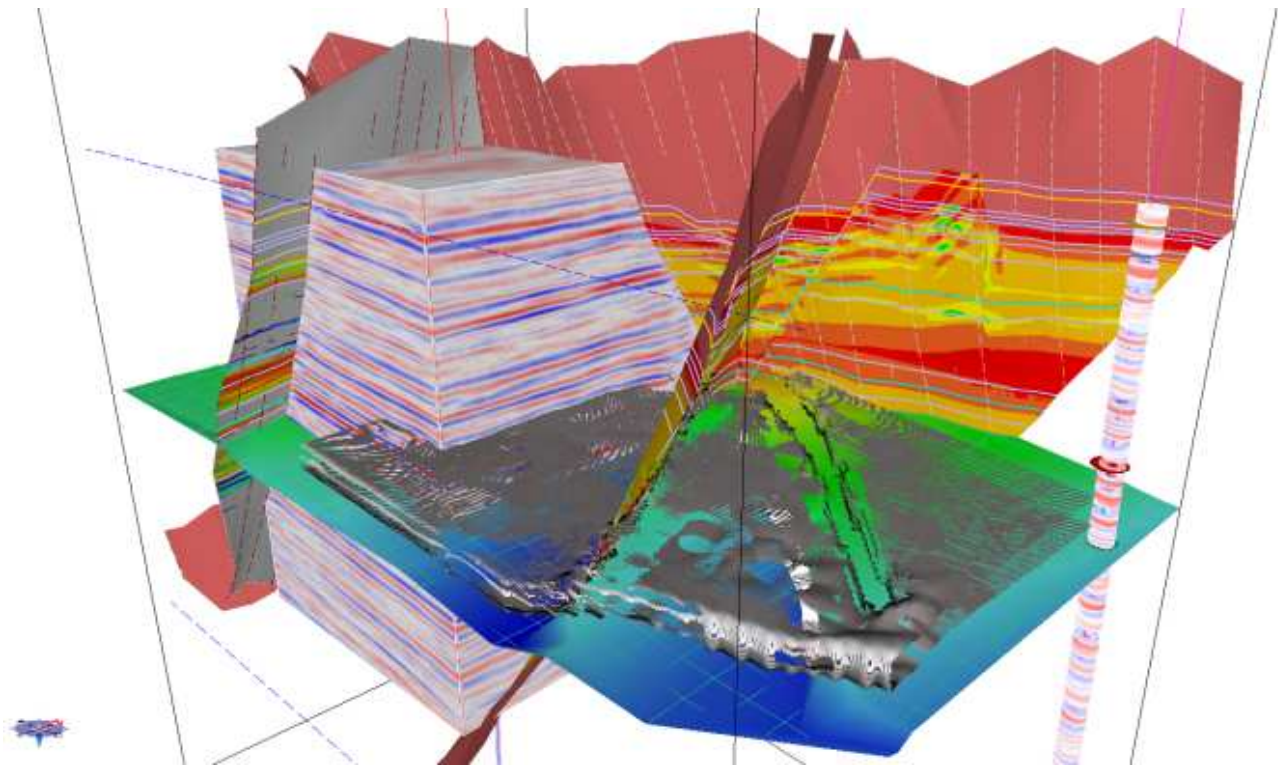
TrapAnalyst interrogates the calculated column heights and their locations typically in sand-on-sand overlaps, to identify a single point on the faults forming the trap that supports the shallowest hydrocarbon-water contact above the structural spill point.



TrapAnalyst reservoir objects (GWC in blue, top of reservoir in red).

Both TrapAnalyst and CubeXplorer are available free to all our customers with current M&S contracts.

For more information about TrapTester 6 please [contact](#) us. We are always happy to discuss any aspects of the TrapTester product suite.



CubeXplorer probes in the Volume Editor. One probe has been volume rendered to show structural elements around a horizon.

Fault and Top Seal conference

21-24 September 2009



During the meeting fault and top seal experts from around the world will share knowledge and experience and discuss future developments in seal research and their application in various disciplines.

Graham Yielding is part of the steering committee for the upcoming 2nd EAGE **Fault and Top Seal** conference, which will be held in Montpellier, 21-24 September 2009.

The theme of the conference is *From Pore to Basin Scale* evaluating a full range of scales in fault and top seal analysis. The conference will focus on the importance of integrating information from all scales in the assessment of seals in hydrocarbon exploration, appraisal and production and in the storage of CO₂ and nuclear waste.

Important dates:

Deadline for call for papers: 25 March 2009

Deadline for early registration: 1 July 2009

Conference: 21-24 September 2009

For more information about the conference, visit the EAGE [website](#).

Fault-Seal Analysis & TrapTester courses

22-23 & 24-26 June 2009

This is the second circular for our public back-to-back Fault-Seal Analysis and TrapTester training courses, to be held at our offices in Lincolnshire. The two-day Fault-Seal Analysis course will take place on **22-23rd June**, followed by the three-day TrapTester training course on **24-25-26th June 2009**.

Further details will be in forthcoming newsletters.

If you wish to register for one or both courses, please contact us at info@badleys.co.uk or phone us at +44 (0) 1790 753472. Visit our [website](#) for more information about the course content.

Out & About

The beginning of the new year saw our staff travel across Europe and South America, with Alan Roberts in Paris, Dave Quinn in Buenos Aires, Peter Bretan in Aberdeen and Michiel van Noorden in Kassel.

Michiel van Noorden has been awarded the **Jos Bouckaert Medal - Young Scientist Award 2008** for his paper 'Incipient strain partitioning in a slate belt: Evidence from the early Variscan Monts d'Arrée slate belt (Brittany, France), published in *Journal of Structural Geology* 29, 837-849. The Medal is awarded by the organisation of Alumni-geologists of the K.U. Leuven to a young scientist for an outstanding publication on a geological subject.

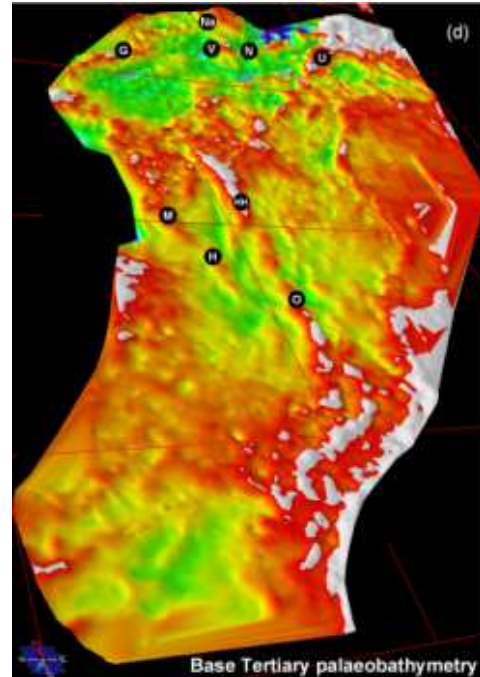
Alan Roberts will be presenting at the upcoming "**7th Petroleum Geology**" conference to be held in the Queen Elizabeth II Conference Centre, London on 30th March - 2nd April. Alan will deliver a talk in the *Passive Margins* session (12.05-12.30; day 1) titled:

"Integrated tectonic basin modelling as an aid to understanding deepwater rifted continental margin structure and location" with co-authors **Nick Kusznir** (Liverpool University), **Richard Corfield** (BP Exploration) & **Mark Thompson** (BP Exploration).

Furthermore, Alan is also co-author of a talk in the same session (14.20-14.45, day 1) which will be delivered by **Iain Scotchman** of StatoilHydro.

Alan's latest paper has been published in *Petroleum Geoscience*, Volume 15, pp.27-43. The paper is titled "Mapping palaeostructure and palaeobathymetry along the Norwegian Atlantic continental margin: Møre and Vøring basins".

Co-authors are **Richard Corfield** (BP Exploration) **Nick Kusznir** (Liverpool University), **Steve Matthews** (BP Exploration), **Evan-Kåre Hansen** (BP Exploration) and **Robert Hooper** (BHP Billiton).



The paper describes how a 3D implementation of the flexural backstripping technique can be used to make quantitative predictions about the palaeobathymetric and palaeostructural history of a large segment of the Norwegian margin. If you would like more information about this paper please [contact](#) us.

If you are unable to view images in this newsletter, a .PDF is available from our [website](#).
Please send us your [feedback and comments](#). To unsubscribe to this newsletter please click [here](#).



SOFTWARE ■ CONSULTANCY ■ TRAINING
TrapTester, TransGen, Triangle, Stretch, FlexDecomp

info@badleys.co.uk Tel: +44(0) 1790 753472
www.badleys.co.uk Fax: +44(0) 1790 753527
