

July 2016 Newsletter

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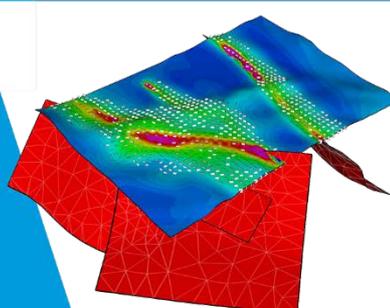
Come and see us at URTeC to find out what's new in Move

URTeC 2016

Come and see what's new in Move2016.2

Booth #415

[Tell me more](#)



Don't miss our technical presentation in URTeC in San Antonio

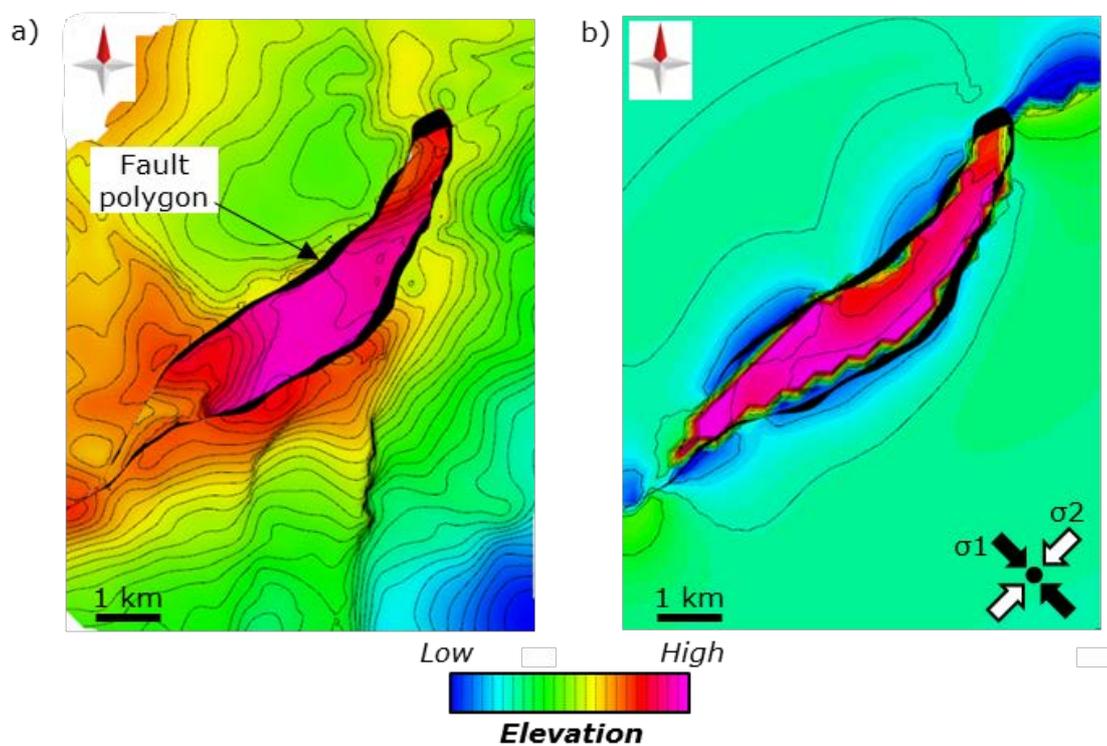
Predicting Realistic Natural Fracture Distributions Using Structural Modeling – Best Practice Workflows for Evaluating Prospects and Targeting Sweet Spots in Unconventional Reservoirs
Dr. Euan Macaulay

Wednesday 3 August 9.20am (225 A-B)
Theme: Emerging Insights in Unconventional Plays

Monthly Move Feature

Stress inversion and maximum shear direction in Move™

Determining the palaeo- or present-day stress field is important in understanding regional deformation events and natural hazard assessment. Under the assumption that a fault slips parallel to the direction of maximum resolved shear stress (Wallace-Bott hypothesis), fault kinematic data can be inverted to calculate palaeo-stress fields and fault-related deformation can be forward modelled to validate possible stress field scenarios. In this Move feature, the Wallace-Bott hypothesis is discussed and two workflows in Move that rely on the maximum shear direction calculation to determine palaeo-stress fields are presented.



Comparison of the observed horizon surface (a) Colour mapped and contoured for elevation and rotated to remove regional tilting, with the results of Fault Response Modelling simulation (b) Colour mapped and contoured for vertical displacement (dz). The simulation results reproduce many features of the large-scale structure, suggesting that fault-related deformation occurred in a similar stress field to that of the present-day.

[Read the full feature here.](#)

Move Software Training Dates for 2016

Structural Modelling and Analysis using [Move2016](#): The course is predominantly hands-on training using Move but also includes a number of presentations and on-screen demonstrations.

16th - 18th August	RAC Training and Conference Centers, Houston, USA
23rd - 26th August	Midland Valley Office, Glasgow, UK
11th - 13th October	RAC Training and Conference Centers, Houston, USA
8th - 10th November	Midland Valley Office, Glasgow, UK

[Click here](#) for our training course outline and to register.

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the structural geology experts