



“Challenges related to Fault Modelling Workflows”

Presented by the FORCE Integrated Reservoir Modelling Group

20th June 2018 at the Valhall Auditorium, NPD offices, Stavanger

08:30 – 09:00	Registration and Coffee
09:00 – 09:10	Welcome and introduction <i>Etienne Reding, Repsol</i>
09:10 – 09:40	Fault Fictions: how do mental models of faults condition the utility of predictions? <i>Zoe Shipton, University of Strathclyde</i>
09:40 – 10:10	Fault interpretation and modelling: historical perspective <i>Chris Townsend, PGNiG</i>
10:10 – 10:30	Coffee
10:30 – 11:00	Practical Fault Seal Analysis for HPHT Reservoirs <i>Neil Grant, ConocoPhillips UK Ltd</i>
11:00 – 11:30	Integrated Fault interpretation for Inclusion in Reservoir Models <i>Steve Ogilvie, Aker BP</i>
11:30 – 12:00	Efficient Handling of Fault Properties using the Fault Juxtaposition Method. <i>Tor Anders Kai and Guillaume Lescoffit, Statoil</i>
12:00 – 12:30	Lunch
12:30 – 13:00	Deformation analysis and unsupervised fault facies classification of normal faults from the Snøhvit field, Barents Sea <i>Jennifer Cunningham, University of Stavanger</i>
13:00 – 13:30	Explicit modelling of fault zones - experiences from the Fault Facies project <i>Jan Tveranger, Center for Integrated Petroleum Research, Bergen</i>
13:30 – 14:00	Fault uncertainty modelling <i>Håvard Goodwin, Norwegian Computing Centre</i>
14:00 – 14:15	Coffee
14:15 – 14:45	Understanding the dynamic impact of fault models: Using fault properties and

simple streamline simulations to rank and select fault model cases
Paul Wilson, Schlumberger

14:45 – 15:15 Fault uncertainty in RMS
Emma Nilsen, Roxar Emerson.

15:15 – 15:45 Handling of uncertainty in mechanical stability of faults during fluid injection
Anders Nermoen, IRIS

15:45 – 16:00 Closing remarks