



HPHT Workshop in Stavanger, Norway, Wednesday 10th November 2010

Processes

9.00	Welcome and introduction	
9.10	Diagenetic reaction during deep burial in sedimentary basins. Consequences for differential stresses, fluid flow and rock properties	Knut Bjørlykke, U. Of Oslo
9.40	High resolution 3D numerical models	Dani Schmidt, PGP, U. Of Oslo
10.10	Effects of fluid-pressure changes in reservoirs on fracture-propagation, apertures and fault reactivation	Agust Gudmundsson, Royal Holloway
10.40	Break	
11.00	Reservoir compartmentalisation in HPHT reservoirs: beyond fault seal analysis	Quentin Fisher, U. Of Leeds
11.30	Geomechanical modelling of fault reactivation related to pore pressure changes	Elin Skurtveit, NGI
12.00	Lunch	

Case studies and their implications

13.00	Mechanisms for top seal leakage - evidence from shear waves	Mike Kendall, Bristol U.
13.30	From extension to inversion – The Gudrun HP/HT field development	Silvan Hoth, Statoil
14.00	Break	
14.20	Distribution of high pressure regimes in the Norwegian Continental shelf and consequences for hydrocarbon accumulations	Fridtjof Riis, NPD
14.50	Skagerrak porosity trends and implications for fluid pressure evolution in the Basin	Neil Grant, COP
15.20	Discussion and wrap up	
16.00	Reception, food and drink	