

PROGRAMME

Wednesday 29 October	
08.30	Registration
09.00	Welcome & Intorduction: Mike Ashton
	Session One: Deformation Bands <i>Session Chair: Kachi Onyeagoro</i>
09.30	Keynote Speaker: Haakon Fossen (University of Bergen) Deformation Bands in Porous Sandstone: Where, Why and Should We Care?
10.15	Antoni Milodowski (British Geological Survey) Understanding the Distribution and Impact of Small-Scale Deformation-Band Features on Permeability and Fluid Flow in Permo-Triassic Sandstones from the UK.
10.45	Break
11.15	Seb Turner (BP) Characterisation and Impact of Deformation Bands in the ACG Field, Azerbaijan
11.45	Bansri Raithatha (University of Durham) Reducing Subsurface Risk and Uncertainty Associated with Fracturing in Intra-Volcanic Settings through Field-Based Studies and High-Resolution FMI Images
12.15	Emma Michie (Badley Geoscience Ltd) Predicting the Sealing Potential of Carbonate-hosted Normal Fault Zones
12.45	Lunch
	Session Two: Modelling, Fluid Flow and Geomechanics <i>Session Chair: Stephen Dee</i>
13:45	Keynote Speaker: Steve Naruk (Shell) Scale-dependent Strategies for Modeling the Impact of Seismically Unimaged Deformation Features
14.30	Atle Rotevatn (University of Bergen) Deformation Bands and their Impact on Fluid Flow in Sandstone Reservoirs: The Role of Natural Thickness Variations
15.00	Dongfang Qu (Uni CIPR/ University of Bergen) Influence of Deformation Band Fault Damage Zones on Subsurface Fluid Flow
15.30	Break
16.00	Keynote Speaker: Roger Soliva (Geosciences Montpellier) An Integrative Model of Strain Localization in Porous Sandstone as a Function of Tectonic Setting, Burial and Material Properties
16.45	Kachi Onyeagoro (Shell) Impact of Sub-seismic Scale Fault Rock Properties on Fluid Flow in Penguins C Field, North Sea
17.15	Caroline Milliotte (NFR Studies GmbH) Near Wellbore DFM Modeling and Two-Phase Flow-Based Upscaling of a Layered Naturally Fractured Carbonate Reservoir
17.45 – 18.45	Wine Reception

Thursday 30 October	
08.30	Registration
09.00	Introduction: Mike Ashton
Session Three: Imaging, Digital Rocks and Experimental Testing <i>Session Chair: Russell Davies</i>	
09.15	Keynote Speaker: Paul Gillespie (Statoil ASA) Prediction of Sub-Seismic Faulting in Hydrocarbon Reservoirs Using Stochastic and Geomechanical Modelling
10.00	Peter Holterhoff (Hess) Pore Fabric Characterization of Deformation Bands and Un-Deformed Matrix in North Sea Chalks: A Novel Application of FIB-SEM Imaging and Digital Rock Physics
10.30	Erling Rykkelid (Svenska Petroleum) Experimental Testing of Sands Used to Quantify Deformation in a North Sea Jurassic Trap.
11.00	Break
11.30	Quentin Fisher (University of Leeds) Core-Scale Deformation Analysis: What Can It Tell Us?
12.00	Graham Yielding (Badley Geoscience Ltd) Geomechanical Fracture Prediction – A Case Study Calibrated by Seismic Attributes and Core Analysis
12.30	Ole Petter Wennberg (Statoil ASA) Natural Deformation Structures in Reservoir Rocks Investigated Using CT-Scan Imaging Techniques - Characteristics and Fluid Flow Effects
13.00	Lunch
Session Four: Seismic Methods <i>Session Chair: Ole Petter Wennberg</i>	
14:00	John Solum (Shell) Combining Multiple Seismic Attributes to Sweet-Spot Well Locations in Fractured Reservoirs, Both Conventional and Unconventional
14.30	Alan Roberts (Geospatial Research Ltd) Understanding the Imprint of Fractures in the Seismic Wave-Field
15.00	Mark Mulrooney (University Centre in Svalbard/University of Oslo) Multi-Azimuth 3D Seismic Imaging of a Highly Compartmentalised Reservoir, South Hammerfest Basin, Offshore Norway
15.30	Break
16.00	Keynote Speaker: David Sanderson (University of Southampton) The Contribution of Sub-Seismic Faults to Deformation in the Earth's Upper Crust
16.45	Enrique Gomez-Rivas (University of Aberdeen) Styrolite-Controlled Stratabound Dolomitization: Examples from the Benicàssim Case Study (Maestrat Basin, E Spain)
17.15 - 17.30	Conference Close