PERM Poster Session

1) Convergence of Three-Phase Simulation with Application to CO2 Storage – Aaron Goater, T. LaForce
2) Modelling multiphase flow at pore scale - Ali Q. Raeini, Dr. Branko Bijeljic, Prof. Martin Blunt.
3) Radial Two-Phase Displacement with Nonlinear Flow - Ana Mijic and Tara LaForce
4) Numerical Assessment of Cold and Hot-Water Floods for a Heavy-Oil Sandstone Reservoir in Middle East - Hifaa Alajmia and Peter King
5) Can We Bypass the Carbon-Capture Step in the Subsurface Disposal of CO2 from Steam Floods? - K.A. Lawal and V. Vesovic
6) Estimating the Hydraulic Conductivity of Two-Dimensional Fracture Networks - Colin Leung and Robert Zimmermann
7) Assessment of Rate-Dependent Skin Factors in Gas Condensate and Volatile Oil Wells (SPE 143592) - Olakunle Ogunrewo and A. Gringarten
8) Modelling, analysing and describing granular systems - Joe Jordan
9) Transport Phenomena on Pore-Space Images - Peyman Mostaghimi, Branko Bijeljic, Martin J. Blunt
12) Quantifying the impact of Reservoir Heterogeneity on Recovery using Vorticity - B. Rashid, A. Muggeridge, G. Williams, A. Bal
13) The Impact of Fast Algorithm Upscalings on Polymer Flooded Reservoirs - Potcharaporn Pongthunya and Peter King
14) A Modified Nested-Gridding Downscaling Appliedon Local-Global Upscaling – Masoud Babaie and Peter King
15) The Enskog-zo-model for the viscosity of simple fluids - Rudolf Umla, Nicolas Riesco and Velisa Vesovic
16) Pore –Scale Modelling of Reactive Transport - Zaki Al Nahari
19) Anisotropic Rock Strength – Jasmin Ambrose, Robert Zimmerman and Roberto Suarez
20) Multiphase Flow and Reactive Geochemical Transport in Porous Media - Allan Leal, Jefferson Gomes, Tara LaForce, Brendan Toltit
21) Sensitivity of Seismic Modelling to Different Fluid Distributions for Carbon Capture and Storage - Grace Cairns, Helmut Jakubowicz, Lidia Lonergan and Ann Muggeridge
23) An investigation into Heavy Oil Recovery by Vapour Extraction (Vapex) – Munira Al-Hadhrami, Ann Muggeridge
24) The Influence of Wettability on Carbon Dioxide Storage - Nayef Al-Ansi, John Crawshaw, and Martin Blunt
26) Applying Real Options Theory in Determining Optimal Policies for Surfactant Flooding – Ali Alkhatab
27) Frequency, pressure, and pore fluid dependence of elastic wavspeeds: new laboratory measurements on Fontainebleau sandstone - Emmanuel C. David, Robert W. Zimmerman, Jérome Fortin, Alexandre Schubnel and Yves Guéguen
28) Numerical Methods in Modelling and Simulating Fluid Flow in Heterogeneous and Naturally Fractured Hydrocarbon Reservoirs-- Ahmad Abushaikha, Martin Blunt, Tara LaForce
29) Structural Characterisation of Porous Materials and Cellular Structures - Rebecca Hihinashvili and Raphael Blumenfeld
30) Injection Design for Simultaneous Heavy Oil Recovery and Carbon Storage - Lorraine Sobers, Martin Blunt, Tara LaForce
31) Modelling the Boiling Flow of LNG through Porous Media - Emeka Okafor and Velisa Vesovic
32) Two-phase flow in geological formations - Yukie Tanino, Josephine Herschan, Martin J. Blunt
33) Using reservoir mixing to identify barriers and baffles at appraisal in the Horn Mountain field, Gulf of Mexico - Jason Go, Craig Smalley and Ann Muggeridge.
34) HPHT capillary trapping in carbonates - Rehab M El-Maghraby, Branko Bijeljic, Martin J Blunt.