

Technical Presentations

Selected titles listed below are in alphabetical order and will not be the order in which they will be presented. The final technical program may differ from that shown due to withdrawals. Photography and video/audio recording of any kind are strictly prohibited.

A Comparison Between Different NMR Acquisition Modes to Evaluate a Heavy Oil Reservoir in Brazil; Jesus P. Salazar (Baker Hughes), Willian A. Trevizan, Bernardo Coutinho C. dos Santos, Paulo Netto (Petrobras), Javier Borri (Baker Hughes)

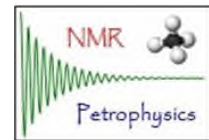
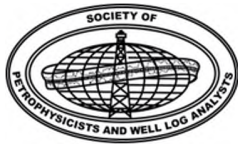
An Innovative Approach for Real-Time NMR Permeability Calibration Utilizing Azimuthally Oriented Formation Testing While Drilling; Mohamed Fouda, Ahmed Taher (Halliburton)

Application of NMR LWD Lateral Motion Corrections in Petrobras; Willian A. Trevizan, Bernardo Coutinho C. dos Santos, Moacy S. N. Neto (Petrobras), Tito J. Bonagamba, Arthur G. A. Ferreira, Agide Marassi (University of São Paulo), Everton L. Oliveira (CNPEN)

Behavior of T2 Cutoffs in Pre-salt and the Challenge of Core-Log Integration; Willian A. Trevizan, Bernardo Coutinho C. dos Santos, Thais F. Matos, Marcelo F. Rezende, Leonardo A. F. Bonzanini (Petrobras)

Combining NMR T2 Distributions with Micro-CT Images to Create More Accurate Pore Size Distributions; Silvia Bermudez, Gabriel Ribeiro, Maira Lima, Austin Boyd, Andres Zuniga, Paulo Couto (UFRJ)

Improved 2D NMR Maps for Fluid Typing in a Conventional Exploration Gas Reservoir in the Eastern Mediterranean Sea; Jorge G. Iglesias, Andrew C. Johnson, Laurent Mossé (SLB), Boquin Sun, Jide Aina (Chevron)



Integration of 23MHZ NMR T1-T2 Mapping Enhanced Crushed Rock Analysis Datasets in Unconventional Reservoirs; Kristopher Farmer, Omar Reffell (Core Laboratories)

Irreducible Water Saturation Determination from Nuclear Magnetic Resonance Raw Data Using Deep Learning; Bernardo Coutinho C. dos Santos (Petrobras), Bernardo Fraga, Clésio Bom (CBPF - Centro Brasileiro de Pesquisas Físicas)

Multi Field Evaluation of T₂ Pore Size Distributions and T₁-T₂ 2D Maps; M.J. Dick, T. Kenney, D. Veselinovic (Green Imaging Technologies), F. Marica, B. J. Balcom (UNB MRI Research Center), and D. Green (Green Imaging Technologies)

Nearly Lossless Transmitting NMR Signals to Surface in Real-Time While Drilling; Songhua Chen, Wei Shao (Halliburton)

New NMR Porosity Correction Algorithm for Steady-State Buildup Effect in Unconventional Reservoirs; George A. Bordakov, S. Utsuzawa, D.F. Allen, Y. Karpekin, D. Rose, W. Troyer, R. J. Laronga, and H. N. Bachman (SLB)

NMR LWD – A Success Story; Holger Thern (Baker Hughes)

PCA Compression of NMR Echo Trains in Logging-While-Drilling Operations; Wolfgang Weinzierl, Oliver Mohnke, Holger Thern, Radu Coman (Baker Hughes)

Pore Body to Pore Throat Transformation for Complex Carbonate Reservoirs; Wei Shao, Songhua Chen (Halliburton), Shouxiang Mark Ma, Gabor Hursan (Aramco)

Using 2D Nuclear Magnetic Resonance Maps to Support Real-Time Operation Decisions in a Brazil Pre-salt Well; Ricardo Alevato, Elton Ferreira, Chelsea Newgord, Allison Scribner, Megan Ortega (ExxonMobil)