

8th Pacific Rim Conference on Rheology

Tuesday, 16 May 2023

Rheology in the Oil and Gas Industry - Room 200 (10:30 - 12:10)

-Conveners: Paulo de Souza Mendes

time	[id] title	presenter
10:30	[126] KEYNOTE: Assessment of Critical Conditions Required for Effective Hole Cleaning in Horizontal Wells - Effects of Fluid Rheological Properties and Near Wall Turbulence on the Particle Removal From Bed Deposits	Dr KURU, Ergun
11:10	[120] Primary cementing of horizontal wells: laminar displacement flows in obstructed eccentric annuli	Ms ALISHAHI, Marzieh
11:30	[194] Cementing displacement flows of shear-thinning fluids in horizontal wells, with and without casing rotation	Dr RENTERIA, Alondra
11:50	[10] Displacement flows of shear thinning fluids in a vertical annulus	ZHANG, Ruizi

Rheology in the Oil and Gas Industry - Room 200 (14:00 - 15:40)

-Conveners: Ida Karimfazli

time	[id] title	presenter
14:00	[102] WALL-SLIP EFFECTS ON FLOW RESTART IN A PLUGGED WAXY CRUDE OIL PIPELINE	Dr SANYAL, Aniruddha
14:20	[104] FLOW RESTART MECHANISM IN A MULTIPHASE GELLED PIPELINE	Dr TIKARIHA, Lomesh
14:40	No talk scheduled	

Rheology in the Oil and Gas Industry - Room 200 (16:10 - 17:50)

-Conveners: Ergun Kuru

time	[id] title	presenter
16:10	[55] KEYNOTE: Normal stresses at the yielding point	Prof. DE SOUZA MENDES, Paulo
16:50	[146] Continuous Monitoring of Yield Stress and Solid Fraction of a Solid Suspension Using a Microfluidic Yield Rheometer	Mr KAVISHVAR, Durgesh
17:10	[167] Herschel-Bulkley parameter evaluation of oil-based drilling fluids	Prof. SAASEN, Arild
17:30	[97] An algebraic thixotropic elasto-viscoplastic model for describing pre-yielding and post-yielding behaviour	KUMAR, Lalit

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-Conveners: Masoud Daneshi

time	[id] title	presenter
10:30	[76] DRIFT FLUX MODELING OF GAS RELEASE IN OIL SAND TAILING PONDS	HAJIEGHRARY, Omid
10:50	[152] RHEOLOGY OF FRESH CEMENT PASTE AS AFFECTED BY CELLULOSE NANOFIBRES AND SUPERPLASTICIZER	Dr BINDIGANAVILE, VIVEK
11:10	[92] DEFYING GRAVITY: THE FLUID MECHANICS OF OFF-BOTTOM PLUG PLACEMENT	KARIMFAZLI, Ida
11:30	[7] RHEOLOGICAL BEHAVIOR OF MATURE FINE TAILINGS	Mr MALMIR, Amir
11:50	No talk scheduled	