












2021 Video Library Content

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|  | <p>January 6 2021 Heavy Oil/ Oil Sands Technical Division Talk Artificial Metasomatism: Thermal Impacts on SAGD Production Reservoirs and Implications for Formation Sensitivity and Future Reservoir Applications Speaker: Graham Spray AGAT Laboratories</p> |
|  | <p>January 7 2021 Structural Geology Technical Division Talk Wild Card – Natural Fractures in the Devonian Duvernay Formation, Western Canada Sedimentary Basin Speaker: Carolyn Currie Core Laboratories Canada Ltd.</p> |
|  | <p>January 13 2021 International Technical Division Talk A Story of Firsts: History of the Alvo Petro Caburé Gas Discovery in Brazil Speaker: Nanna Eliuk & Adrian Audet Alvo Petro</p> |
|  | <p>January 15 2021 Paleontology Technical Division Talk Understanding growth in the hadrosaur, <i>Prosaurolophus maximus</i>, from southwestern Alberta Speaker: Eamon Drysdale University of Calgary</p> |
|  | <p>January 27 2021 Operations Geology Technical Division Talk Well Bore Tortuosity Speaker: Angus Jamieson Helmerich & Payne</p> |
|  | <p>February 2 2021 Hydrogeology Technical Division Talk Fugitive Methane Gas Migration around Alberta's Petroleum Wells Speaker: Jason M. Abboud BGC Engineering</p> |
|  | <p>February 3 2021 Heavy Oil/ Oil Sands Technical Division Talk The Geomechanics of Caprock Integrity in Alberta's Heavy Oil Projects Speaker: Amy D. Fox Enlighten Geoscience Ltd.</p> |
|  | <p>February 10 2021 International Technical Division Talk The New Commodity Bull Market Is Underway Speaker: Josef Schachter Schachter Energy Research Services Inc.</p> |
|  | <p>March 15 2021 International Technical Division Talk Brazil Beyond the Pre-salt: Onshore Frontier Basins & the Reservoir-to-Wire (R2W) Speaker: Frederico Miranda</p> |
|  | <p>March 19 2021 Paleontology Technical Division Talk The Upper Cretaceous Wapiti Formation of northern Alberta, Canada, as a unique window into the continental vertebrate fauna of boreal Laramidia during Bearpaw times Speaker: Dr. Corwin Sullivan and Philip J. Currie University of Alberta</p> |
|  | <p>April 1 2021 Structural Geology Technical Division Talk An overview on the geodynamic evolution of the Eastern Alps in Europe and From mountain building to orogenic collapse: Cretaceous to Neogene geodynamic evolution of the Dinarides Orogen in the SE Europe Speaker: Dr. Martin Reiser and Dr. Uros Stojadinovic</p> |



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|  | April 8 2021 Geothermal Technical Division Talk Geology of the Clarke Lake Project Speaker: Evan Renaud GIT |
|  | April 13 2021 B.A.S.S. Technical Division Talk Source-Rock Facies Models, or Why Didn't the Second White Specks Work as a Resource Play? Speaker: Bruce Hart Western University |
|  | April 16 2021 Paleontology Technical Division Talk History of waste and how it has changed the world over the past ~3.5 Billion years and Visiting Upper Cambrian Stromatolites near Helen Lake, Banff National Park Speaker: Dr. Stan Stancliffe and Tako Konning |
|  | April 28 2021 Operations Geology Technical Division Talk An Objective Skills Assessment for Operations Geoscience Speaker: Christine Telford |
|  | May 4 2021 Hydrogeology Technical Division Talk Calgary Zoo Flood Mitigation: Groundwater Management and Dewatering on an Island Speaker: Soren Poschmann ISL Engineering's Water and Environment group |
|  | May 6 2021 Structural Geology Technical Division A Practical (and Non-judgemental) Look at the Mechanics of Natural Fractures Speakers: Amy D. Fox Enlighten Geoscience Ltd. |
|  | September 29 2021 Operations Geology Technical Division Talk Directional drilling while geosteering. Key efficiency factors Speaker: Evgeniya Tyamisova |
|  | October 1 2021 Energy Transition and Stability Technical Division Talk Hydrogen and the Transition to Net-Zero Energy Systems Speaker: Dr. David Layzell University of Calgary Professor and the Energy Systems Architect for the Transition Accelerator |
|  | October 6 2021 Heavy Oil/ Oil Sands Technical Division Talk Integrated Reservoir Characterization and Connectivity Measurements in Stacked Meander-belt Deposits: the implications for SAGD Speaker: Siavash Nejadi |
|  | October 28 2021 Technical Webinar The case for CCUS as a greenhouse gas mitigation strategy: Experiences from Saskatchewan Speaker: Erik H. Nickel |
|  | November 3 2021 Heavy Oil/ Oil Sands Technical Division Talk Using Biomarkers for Heavy Oil Exploration and Production 101 Speaker: Martin Fowler Applied Petroleum Technology (Canada) Ltd. |



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|  | <p>November 10 2021 Energy Transition and Stability Technical Division Talk Geoscientists: Exploerers and Architechts of the New Energy Economy Speaker: Edith Newton President and CEO of Rock Whisperer LLC</p> |
|  | <p>December 9 2021 Geothermal Technical Division Talk Sustainability and renewability of geothermal energy in the western Canada sedimentary basin Speaker: Nelson Molina Giraldo Fluid Domains Inc.</p> |
|  | <p>December 10 2021 Paleontology Technical Division Talk Ontogenetic Niche Shifts in Megaherbivorous Dinosaurs of Late Cretaceous North America and A Rare Sea Turtle Discovery in the Marine Dinosaur Park Formation of Saskatchewan Speaker: Dr. Emily Bamforth and Taia Wyenberg-Henzler</p> |
|  | <p>December 15 2021 Technical Webinar Downslope variability in deep-water slope channel fill facies and stacking patterns: implications for hydrocarbon exploration Speaker: Benjamin Daniels</p> |
|  | <p>December 16 2021 B.A.S.S. Technical Division Talk Musings on the influence on geology on ski conditions in the elk valley, BC Speaker: Neil Watson</p> |