

Well Integrity Technical Forum: Decommissioning

Agenda | November 26 and 27, 2025 | 8:30 a.m. – 4:00 p.m.

University of Calgary, Downtown Campus
906 8th Avenue SW, Calgary

PTAC Members and AUPRF Funders: \$245.00
Non-members and non-funders: \$345.00

Sponsorship Opportunities Available

Day 1: November 26, 2025

- 8:15 Registration and Networking
- 8:45 Introduction
Speaker: Allan Fogwill, PTAC
- 8:50 Keynote: Managing well decommissioning through prioritization and planning to minimize Asset Retirement Obligations
Speaker: Mark Proud, Ensift
- 9:30 A report on Phases 1 and 2 of the Project - Alternatives to Cement for Well Decommissioning
Speaker: Kent Devlin, Frontier Project Solutions
- 10:00 Cleaning dynamics of jetting in remedial cementing.
Speaker: Seyed Mohammad Taghavi, Univ. Laval

10:40 Networking Break

11:00 Understanding and Mitigating Leakage pathways in oil and gas well Cements

Speaker: Ergun Kuru, University of Alberta

11:30 Investigation of Penetration and Plugging Performance of Cement Blends Used for Squeeze Cementing in sub 150 μm Gaps

Speaker: Simon Iremonger, Sanjel Energy Services

12:00 Predicting well leakage and squeeze cementing effectiveness

Speaker: Ian Frigaard, UBC

12:30 Lunch

13:15 Pathways to Mitigating Methane Emissions from Inactive Oil and Gas Wells

Speaker: Mary Kang, McGill University

13:45 Durability of Well Cement Systems in Carbon Capture and Storage: Insights into Long-Term Carbonation Under Supercritical CO₂ and CO₂-Saturated-Brine Exposure

Speaker: Ergun Kuru, UBC

14:15 Break

14:30 Vent Capture of Surface Casings to Improve Emissions Management

Speaker: Brian Van Vliet, Spartan Controls

15:00 An Update on Norway's SINTEF program.

Speaker: TBD

15:30 Evolution of Cements to Replace Class G Portland Cement

Speaker: Johnathan Heseltine, Innotech Alberta

16:00 – 18:00 Networking Reception





Day 2: November 27, 2025

- 8:30 Day 2 introduction and summary of day 1
Speaker: Allan Fogwill, PTAC
- 8:45 Keynote: An update on the Alberta Mature Asset Strategy
Speaker: David Yager, Special Advisor to the Premier of Alberta
- 9:30 Risk Tool – Site Prioritization and Emission Closure Guidelines
Speaker: Anthony Knafla, Equilibrium Environmental
- 10:00 Break
- 10:20 Controlled Methane Injection Pilot Demonstration of a Biocover Concept for Mitigating Leaking Oil and Gas Wells
Speaker: Ian Hers, Millennium EMS Solutions
- 10:50 Experimental Investigation of Casing Plug Performance with Dump Bailing Placement
Speaker: Jonathan Heseltine, Innotech Alberta
- 11:20 Off-bottom cement plugs: placement and stability.
Speaker: Ida Karimfazli, Concordia University
- 11:50 Quantification and Source Attributed characterization of greenhouse gas emissions from GM/SCVF.
Speaker: Scott Mundle
- 12:20 Lunch
- 13:00 Enhancing well integrity remediation
Speaker: Katja Student, Innotech Alberta



- 13:30 SEAL: an engineering software platform for cementing and well integrity
Speaker: Ian Frigaard, UBC
- 14:00 Decommissioning challenges
Speaker: Albert Lee, Closure
- 14:30 Break
- 14:45 Challenges and Opportunities in Applying New Barrier Materials for Surface Casing Vent Flow (SCVF)
Speaker: Bernard Leung, TS-Nano
- 15:15 Imperial's Venting Pilot Update.
Speaker: Leah Davies, Imperial
- 16:00 Final Remarks and a review of key technical gaps for well integrity research
Speaker: Ian Frigaard, UBC Complex Fluids and Mechanics Lab

