

GeoConvention 2019 Themes - Breakdown

Theme	Topic
Disciplines - Technical	Getting More from Your Data
	Integrating Geoscience to Optimize Unconventional and Oilsand Resource Plays
	Organic Geochemistry
	Petrophysics
	Seismic Inversion
	Seismic Processing
	Seismic Acquisition
	Seismic Interpretation Case Histories
	The Value of the Geosciences
	Quantitative Interpretation of 4D Seismic Monitoring Methods
	Unconventional Geomechanics
	Microseismic
	Fracture/Stress Determination from Seismic
	Completions Technology
	International Case Studies
Discipline "Fundamentals" / Skill Fundamentals 101 and Case Studies	
Computational/Technology Advancements	Machine Learning, AI, Big Data
	GeoModelling
Unconventional Plays	Montney
	Source Rock Characterization
	Duvernay
	Spirit River and Deep Basin
	Oil Sands and Integrated Oil Sands Case Studies
	Oil Sands – Geochemistry
	Unconventional EOR
	Heavy Oil Reservoir Characterization
	Compare/Contrast NA Unconventional Plays.
Technology for Unconventional Resources	
Managing Risks	Global Carbon Capture, Storage, Utilization and Monitoring
	Carbon constrained World - Carbon Tax, Regulation, etc...
	Hydrogeology
	Water Management, fugitive Emissions
	Induced Seismicity
Conventional Plays and Frontier	Frontier Basins
	New Conventional Plays
	Sedimentology and Stratigraphy - Case Studies
	Revisiting and Extension of Mature Plays
	Sedimentology and Ichnology to Evaluate Reservoirs
Challenges and Opportunities	Oil/gas trends, projections, energy demand, Government/Regulatory perspective
	Geothermal
	Diversification of the Energy Sector
	Emerging Technologies
	Pipelines/Infrastructure
Business and Development	Professional Development
	Workplace and Culture Diversity
	Business and Financial