

techtalks 2023

It's that time of year again! Grab your favourite hot beverage and come join us for our annual morning series of **AGAT Tech Talks!** This season, we continue to focus on hot industry topics showcasing the highly specialized work done in the Environmental and Energy fields as well as content that supports us all in our business and personal lives. We have acquired a strong roster of accomplished professionals from across Canada who will present on a suite of topics we hope you each find value and interest in. Please join us again on another virtual adventure of **AGAT Tech Talks** from the comfort of your home, office or any working set-up you may have. This year, we present a one weeklong session of morning talks with host Kelly Howard, Director – National Accounts, Strategic Growth at AGAT, a variety of special guests and live question periods with each of our presenters.

March 20

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| 8:00 AM | Tech Talks Kickoff
Kelly Howard, Director - National Accounts, Strategic Growth
<i>AGAT Laboratories</i> |
| 8:05 AM | Emergency Spill Response: Realistic Remediation Targets during the Emergency Phase
Calvin Murphy, B.Sc., PAg, Director of Operations
<i>SWAT Consulting</i> |
| 8:35 AM | Case Studies in Enhanced Anaerobic Bioremediation for PHCs: A Sustainable, Passive, and Cost-Effective Remediation Alternative
Ryan Riess, M.Sc., P.Eng – Senior Remediation Specialist and Ty Van Camp, P.Eng. – Site Assessment and Remediation Lead
<i>PINTER & Associates Ltd.</i> |
| 9:05 AM | The Role of Carbon Offsets in Meeting Decarbonization Targets for the Energy Transition
Dani Urton, Director - Energy Transition & Climate Change
<i>Vertex Resource Group</i> |
| 9:35 AM | Microplastics in the North Saskatchewan River: The Challenge of Finding Microneedles in a Haystack
Jeremiah Bryksa, Applied Chemist, and Patric McGlashan, Microplastic Technologist
<i>Northern Alberta Institute of Technology (NAIT)</i> |

March 21

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| 8:00 AM | Tech Talks Introduction
Kelly Howard, Director - National Accounts, Strategic Growth
<i>AGAT Laboratories</i> |
| 8:05 AM | Canada's Energy Transition: Energy Policy, Not Emissions Policy
Brad Hayes PhD, P. Geol., President
<i>Petrel Robertson Consulting Ltd.</i> |
| 8:35 AM | The Feasibility of Repurposing Alberta's Hydrocarbon Wells for Geothermal Energy
Emily Smejkal, Geologist
<i>Terrapin Geothermics</i> |
| 9:05 AM | Rock Testing and Subsurface Analysis for Deep Closed-Loop Geothermal Systems
Peter Bauman, Geoscience Manager, and Anna Rogers, Geomechanics Specialist
<i>Eavor Technologies Inc.</i> |
| 9:35 AM | Decarbonizing Heat: The Role of Geothermal and Natural Gas
Catherine Hickson, CEO
<i>Alberta No. 1</i> |

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March 22

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| 8:00 AM | Tech Talks Introduction
Kelly Howard, Director - National Accounts, Strategic Growth
<i>AGAT Laboratories</i> |
| 8:05 AM | COVID-19's Effects on the Sex Gap
Dr Elsa Wagdy, IMD, DNM, PhDx2, Change & Inclusion Specialist
<i>Elsa Wagdy</i> |
| 8:35 AM | Update from the Metis Nation Canada on Self-Government, Transition, Economic Growth
Lawrence Gervais, Region 3 President
<i>Métis Nation of Alberta - Region 3</i> |
| 9:05 AM | Canadian Economic Outlook 2023
Craig Wright, Chief Economist, Royal Bank of Canada
<i>RBC Wealth Management</i> |
| 9:35 AM | Mental Health in Today's Workplace
Trudi Chalmers, PhD, VP of Impact, <i>Headversity</i> , Sean Surerus, President, <i>Surerus Pipeline</i> and Kirk Elliot, Health and Safety Manager, <i>Trace Associates</i>
Moderated by: Laura Rathgeber, Vice President - National Accounts, <i>AGAT Laboratories</i> |

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March 23

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| 8:00 AM | Tech Talks Introduction
Kelly Howard, Director - National Accounts, Strategic Growth
<i>AGAT Laboratories</i> |
| 8:05 AM | Stakeholder Engagement and Planning to Overcome Reclamation Challenges in Critical Sage Grouse Habitat
Samantha Price, RT (Ag.), Strategic Environmental Planning Specialist
<i>Orphan Well Association</i> |
| 8:35 AM | From Awareness to Action: Transforming ESG in Canada
Olivier Joyal, Geologist, Executive Vice President, Strategy & Execution, Earth & Environment/Canadian Executive Leader ESG
<i>WSP Canada Inc.</i> |
| 9:05 AM | Death of Aroclor Measurements for Polychlorinated Biphenyls (PCBs)
Court D. Sandau, PhD, Principal
<i>Chemistry Matters</i> |
| 9:35 AM | The Potential for Using Native Plants in In Situ Remediation
Elizabeth Murray, Ph.D., P.Biol., R.P.Bio., Senior Scientist
<i>Earthmaster Environmental Strategies</i> |

March 24

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| 8:00 AM | Tech Talks Introduction
Kelly Howard, Director - National Accounts, Strategic Growth
<i>AGAT Laboratories</i> |
| 8:05 AM | Taking CO2 Sequestration Projects from the Concept Stage Through to the Permitting Stage
Ken Glover, Reservoir and Geomechanics Consultant
<i>Respec Canada</i> |
| 8:35 AM | Using InSAR Satellites to Monitor and Optimise CCUS, and Fracking Operations
Russell (Stan) Stancliffe, Founder GeoR.E.D., and Marco van der Kooij, Remote Sensing Consultant
<i>SkyGeo/GeoR.E.D.</i> |
| 9:05 AM | Canada's Oil Sands Have a Plan to Net Zero
Robert K. Mugo, Ph.D., Director, <i>Greenhouse Gas Environmental Priority Area Pathways Alliance</i> |
| 9:35 AM | Climate Targets: A Path to Reality
Robert K. Mugo, Ph.D., Director, <i>Greenhouse Gas Environmental Priority Area</i> , Erik Petursson, Director of Commercial, <i>Entropy</i> , Graham Spray, Geosciences Manager, <i>AGAT Laboratories</i>
Moderated by: Marissa Reckmann, CEO, <i>AGAT Laboratories</i> |

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