



LIVE VIRTUAL SYMPOSIUM

2021 MINING AND GEOCHEMISTRY VIRTUAL SYMPOSIUM

A joint virtual conference presented by PerkinElmer and AZO Mining

Overview - 11:00 AM EDT- 2:30 PM EDT

Tuesday, April 13: Rare Earth Elements (REE)

Wednesday, April 14: Lithium Energy

PerkinElmer, in collaboration with AZO Mining, is hosting a must attend Mining and Metallurgical networking event that will update you on the latest in the industry, and discuss trends in Rare Earth Elements (REE), Lithium and other precious metals in today's geochemistry supply chain.

With the Post Pandemic observed shift to increased demand in electronics, sustainable energies and electrification of things, global demands to these critical minerals is on the rise. Lithium production is projected to increase by nearly 500 percent by 2050 to meet global demand for renewable energy technology.

PerkinElmer with its complete mining portfolio of analytical platforms, its global service footprint and highly trained team of Field Application Scientists will help you navigate through these market changes.

From exploration to refining, our Portfolio has you covered from sample prep to analysis delivering the accuracy and precision you seek for your operation. In this two-day event choose all or select from a variety of topics presented by technical experts from around the world.

Key Learning Objectives

- Mining and metallurgical market trends
- Overview of metallurgical assays and analytical methods
- Assessing the quality of raw materials
- Accurate analysis assays
- Impurities management
- Exploration and refining extraction processes
- Precision mining methods

Who Should Attend

- Participants who are generalists but working in the field
- Anyone in Academia, Mining and Geochemistry
- R&D labs, QA/QC labs, Production labs
- Lab Manager, Scientist, Technician, Technologist, Analyst, Project Manager, Director

REGISTER NOW

www.perkinelmer/2021miningsymposium.com



Guest Speaker

Siiri Perämäki, Ph.D, Senior researcher
University of Jyväskylä, Department of Chemistry



Guest Speaker

Ian Ireland, Ph.D, Chief Operating Officer
Prairie Lithium

SCHEDULE

April 13 11:00 AM EDT	Day 1: Rare Earth Elements
	The Geopolitics of Rare Earth Elements - Demand, Exploration, Refining and Beyond <i>Chady Stephan, Ph.D, Global Markets Leader, PerkinElmer Inc.</i>
	Review of PerkinElmer Mining Portfolio <i>Aaron Hineman, Inorganic Product Line Leader, PerkinElmer Inc.</i>
	Analysis of Exploration Samples for Rare Earth Elements Prepared by Lithium Borate Fusion on the Nexion ICP-MS Platform <i>Andrew Rams, Field Application Scientist PerkinElmer Inc.</i>
	Analyzing REE from power plant fly ash – how to avoid common pitfalls in sample pretreatment and ICP-analysis <i>Siiri Holden, Ph.D, Senior researcher University of Jyväskylä, Department of Chemistry</i>
	Impurities management in REE and other metallic concentrates <i>Ewa Pruszkowski, Ph.D, Senior Principal Application Scientist, PerkinElmer</i>

Join us for a panel Q & A discussion following the last talk!

April 14 11:00 AM EDT	Day 2: Lithium Energy
	Lithium – From Mining to Batteries <i>Christopher Senyk, Global Chemicals & Energy Market Manager, PerkinElmer Inc.</i>
	Analytical Solutions for the Analysis of Lithium- from Mining to Battery Components <i>Gerlinde Wita, Global Markets Leader: Materials and Energy, PerkinElmer Inc.</i>
	Interview with Prairie Lithium <i>Dr. Ian Ireland, Ph.D, COO Prairie Lithium</i>
	Analysis of Lithium Ore samples using the Avio Max ICP-OES <i>Kenneth Neubauer, Ph.D, Principal Application Scientist, PerkinElmer</i>
	Impurities Management in Li Samples <i>Ruth Merrifield, Ph.D, Application Scientist, PerkinElmer</i>

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Register* by April 1 and receive a complimentary Starbucks Gift Card

*Must attend event to receive complimentary gift



Joint virtual conference presented by PerkinElmer and AZO Mining

**AZO
MINING**

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