Mineral-X Symposium
Critical Minerals: Efficient Exploration & Responsible Mining

Paul Brest Hall
555 Salvatierra Walk, Stanford, CA 94305

JUN 13th 2024

mineralx.stanford.edu

Scan QR Code for Agenda:
AGENDA

7:30 - 8:30 am  Registration & Breakfast

8:30 - 8:45 am  Session 1
One Year of Mineral-X
Jef Caers, Founder, Mineral-X, Stanford

8:45 - 9:25 am  A New Era for the Copperbelt: Building the Lobito Corridor
Peter Handley, former European Commission Deputy to the Director, Head of Unit, DG GROW
Helaina R. Matza, Acting Special Coordinator for the Partnership of Global Infrastructure Investment, U.S. Department of State
Moderator: Kurt House, KoBold Metals

9:25 - 10:00 am  Characterizing Mingomba, Zambia: Where Artificial Intelligence Meets Human Intelligence
Fanuel K Banda, Chief Mining Engineer, KoBold Zambia
Damian Burch, Director of Data Science, KoBold Metals

10:00 - 10:15 am  Break

10:15 - 11:15 am  Session 2
Spurring Investments in the Critical Mineral Supply Chain
Connie Chan, General Partner, Andreessen Horowitz
Francis MacDonald, CEO, Li-FT
Ryosuke Sasaki, Project Lead, Mitsubishi Corporation (Americas)
Rajesh Swaminathan, Partner, Khosla Ventures
Moderator: Shievani Upadhyay, Stanford Graduate School of Business

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Wifi: Stanford Visitor
11:15 - 12:00 pm  **Inspiring Diversity: Shaping the Future of Mining**  
Nina Astillero, ESG Director, Ioneer, Women in Mining Representative  
Jocelyn Kelly, Director of Gender Rights & Resilience, Harvard Humanitarian Initiative  
Jack Masangu, Deputy CEO, Gécamines  
Moderator: David Yin, Managing Director, Mineral-X

12:00 - 1:00 pm  **Lunch**  
**Lunch Talk: The Knowledge Machine: How Irrationality Created Science**  
Michael Strevens, Professor of Philosophy, New York University

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**Session 3**

1:00 - 1:45 pm  **Community Engagement in Mineral Exploration**  
Laura Blanco, ESG Director, Xcalibur Smart Mapping  
Thais Laguardia, Director of ESG & Safety, Ero Brasil  
Chad Yeftich, VP Corporate Development & External Affairs, Ioneer  
Moderator: Doris Hiam-Galvez, Senior Advisor @ Hatch | Board Director

1:45 - 2:45 pm  **Country-Scale Natural Resources Mapping**  
Sarah Ryker, USGS Associate Director for Energy & Mineral Resources  
Inacio Melo, President, Geological Survey of Brazil  
Nguyen Van Nguyen, Deputy Director General, GDGMV, Vietnam GS  
Grace Okpala, Director, National Geosciences Information Centre, Nigeria  
Moderator: Andres Blanco, CEO, Xcalibur Smart Mapping

2:45 - 3:00pm  **Break**
Session 4

3:00 - 4:00 pm  Nickel and Lithium Ore Systems: Supply and Demand
Simon Jowitt, Professor of Economic Geology, University of Nevada Reno
Peter Lightfoot, Chief Geologist, Nickel, KoBold Metals
David Strang, CEO, Ero Copper
Francis MacDonald, CEO Li-FT
Moderator: John Thompson, PetraScience, Kobold Metals

4:00 - 4:45 pm  Innovations in Geophysical Solutions
Teo Hage, Australia & Asia Managing Director, Xcalibur Smart Mapping
Jack Muir, Head of Machine Learning, Fleet Space Technologies
Doug Schouten, CTO & Co-Founder, Ideon Technologies
Moderator: Tom Hunt, VP of Technology, KoBold Metals

4:45 - 5:15 pm  Innovations in Mining and Processing Technology
KaLeigh Long, CEO, Westwin Elements
Philip Lypaczewski, CTO, LithologIQ

5:15 pm  Reception