



ORE GEOLOGY

CONFERENCE

JULY 6 - 10

2021

ONLINE EVENT



EXPLORATION
DATA SCIENCE
ANALYTICAL METHODS
GEOMETALLURGY



TIMETABLE GMT-5

ROOM DIAMOND

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16:00
16:10

Welcome: *MSc. Telma Aisengart - South Arm - ORC President*

Introduction: *Mr. Takeshy Coaquira - ORC Technical chair*

16:10
17:00



“Hydrothermal Alteration Zonation around Epithermal Deposits and Implications for Exploration”

Dr. Stuart Simmons - Hot Solutions Ltd

Technical Chair: Mr. Lieth de Selincourt

EN

17:10
18:00



“Characterization of the sericite-chlorite alteration at Antakori Cu-Au-Ag project, northern Peru”

David Portocarrero - Regulus Resources

Technical Chair: Mr. Lieth de Selincourt

EN

18:10
19:00



“From Global Overview of Critical Metals to Geochemistry and Geometallurgy Applications in Cases Studies in Chile”

MSc. Olivia Mejías - SMI-ICE Chile

Technical Chair: Ms. Nathaly Guerrero

ES

19:10
20:00



“Mineral Exploration Techniques in Regolith-Dominated Terrains”

Dr. Walid Salama - CSIRO Mineral Resources

Technical Chair: Christopher J. Seligman

EN

20:10
21:00



“The Cascabel Cu-Au-Ag porphyry cluster in northern Ecuador”

MSc. Carlos Díaz - University of Tasmania

Technical Chair: Mr. Lieth de Selincourt

EN

21:10
22:00



“Interpreting and Validating Trans-lithospheric faults in the Central Andes to Investigate their control on the localisation of giant porphyry copper deposits”

PhD. candidate Alex Farrar - University of Tasmania

Technical Chair: Ms. Molly Turco

EN



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Geometallurgy



Integrated Exploration

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ES: Spanish

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“Exploration, data science, analytical methods and geometallurgy”

16:00
16:50



“How to Run a Successful Geometallurgy Program”

MSc. Nicola McKay-Blue Coast Metallurgy & Research
Steve Williams-Blue Coast Metallurgy & Research

Technical Chair: Mr. Alexis Paredes

EN

17:00
17:50



“Combining Geological Knowledge and Machine Learning Techniques for better Mineral Resource Models”

MSc. Gabriel Moreira - GEOVARIANCES

Technical Chair: Mr. Christopher J. Seligman

EN

18:00
18:50



“Recovering Maximun Values from Oriented Core Workflow for Effective Structura Data Interrogation and Meaningful 3D Modelling”

Chris Brown - Oriented Target Solutions

Technical Chair: Mr. Christopher J. Seligman

EN

19:00
19:50



“Automated Loggin Using Core Imagery: Recent Developments and Implications for Core Logging”

Dr. Antoine Caté - SRK Consulting

Technical Chair: Ms. Yuliana Boza

EN

20:00
20:50



“Exploration 2.0: supplementing critical need using mine waste”

Dr. Anita Parbhakar Fox - University of Queensland

Technical Chair: Ms. Yuliana Boza

EN

21:00
21:50



“Getting better Exploration Vectors from Aeromagnetcs”

Dr. Dave Isles - TGT Consulting

Technical Chair: Ms. Telma Aisengart

EN



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“Exploring for Porphyry Copper Deposits Using Apatite, Zircon and Titanite”

Dr. Farhad Bouzari - Mineral Deposit Research Unit

Technical Chair: Mr. Alexis Paredes

EN

17:00
17:50



“The Data Management Challenge in Mineral Exploration”

Telma Aisengart - South Arm

Technical Chair: Mr. Lieth de Selincourt

EN

18:00
18:50



“Technology Applied to Geology Workflows an Integrated View”

MSc. Marcela Godoy - DATAMINE

Technical Chair: Mr. Johann Culqui

EN

19:00
19:50



“Beyond Red Beds- What Makes Sandstone-hosted Copper Work?”

Dr. Ali Jaffri - Applied Stratigraphix

Technical Chair: Ms. Yuliana Boza

EN

20:00
20:50



“An Exploration Tool for Sediment-Hosted metals”

Dr. Molly Turko - Applied Stratigraphix

Technical Chair: Ms. Yuliana Boza

EN

21:00
21:50



“Exploring the Central Andes for Metals using Out-of-The Box Thinking”

Dr. Thierry Sempere - ANDES C&P

Technical Chair: Ms. Yuliana Boza

EN



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“Hyperspectral Imaging for Open Pit Mining Applications”

Dr. Friederike Koerting - NORKS ELEKTRO OPTIKK HYSPEK

Technical Chair: Ms. Mirella Terrones

EN

17:00
17:50



“A New Approach for Characterization Ores Comminution Potential Considering their Geological Variability”

Dr. Pia Lois Morales - Universidad de Chile

Technical Chair: Mr. Johann Culqui

EN

18:00
18:50



“Quality Assurance Applied to Primary Sampling”

MSc. Samuel Canchaya - Sampling OK

Technical Chair: Ms. Mirella Terrones

ES

19:00
19:50



“Whole Rock, Magmatic Mineral and Alteration Chemistry of the Black Mt. Porphyry System, Baguio District, Philippines-an Integrated Study of a Mineralized Porphyry System”

Dr. Peter Hollings - Lake University

Technical Chair: Mr. Alexis Paredes

EN

20:00
20:50



“Geologic Evolution of Late Ordovician to Early Silurian Alkalic Porphyry Au-Cu Deposits Cadia, New South Wales, Australia”

Dr. David Cooke - CODES

Technical Chair: Mr. Takeshy Coaquira

EN

21:00
21:50



“Advances in Geometallurgy”

Dr. Julie Hunt- CODES

Technical Chair: Mr. Nathaly Guerrero

EN



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“Geology and Genesis of Gold Deposits in Metamorphic Rocks”

Dr. Richard Goldfard - C2C Gold Corp

Technical Chair: Mr. Alexis Paredes

EN

17:00
17:50



“Characterization of Mineral Species in the Concentration Process and its Application to Long-Term Geometallurgy”

MSc. Enrique Crisostomo - CODELCO

Technical Chair: Mr. Alexis Paredes

EN

18:00
18:50



“Why and How Should Geologist Use Compositional Data Analysis”

MSc. Ricardo Valls - Valls Geoconsultant

Technical Chair: Mr. Johann Culqui

ES

19:00
19:50



“Carbon Isotope Stratigraphy, Sedimentology and Tectonics of the Cretaceous Basin from the Andes of Peru applied to Mineral Exploration”

Dr. Juan Pablo Navarro - BioLantanidos

Technical Chair: Johann Culqui

EN

20:00
20:50



“Lithocaps-Characteristics, Origins and Exploration tools”

Dr. Lejun Zhang - CODES

Technical Chair: Mr. Takeshy Coaquira

EN

21:00
21:50



CLOSING CEREMONY

MSc. Telma Aisengart - South Arm

Technical Chair: Mr. Lieth de Selincourt

EN



**10 minutes break
between each talk**



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Sponsors

Copper



Silver



Host



CONTACT US:

events@southarm.com.pe 

+51 967843989 

www.southarm.com.pe/ore-geology