

APPLIED GEOCHEMISTRY IN EXPLORATION: THE PATH TO DISCOVERY

PROGRAM

7TH & 8TH SEPTEMBER

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9:00

Miguel Martinez, Senior Geochemist, ALS . "Handheld XRF equipment and applications in geological exploration."

9:25

Dr. David Cohen, President of the Academic Board, UNSW and President, Australian Geoscience Council. "You need needles: biogeochemical responses to mineralisation in eastern Australia." (Co-author: Joseph Schifano)

9:50

Simon Bolster, Managing Director, Portable PPB Pty Ltd. "Low level gold by pXRF: a new paradigm for gold explorers."

10:15

Alexander Seyfarth, Global Technical Manager, SGS Natural Resources Group. "FAST Onsite Geochemistry with pXRF for Exploration, Grade and Concentrator control."

10:40

Jim Royall, VP Exploration, Pan Global Resources. "Applications of the PXRF in exploration with examples from around the world."

11:05

Break

11:30

Dr. James Cleverley, Sales Manager, Europe, Imdex. "Information from Data: The importance of good geoscience in getting more from data."

11:55

Simon Griffiths, Chief Consultant, Third Planet Exploration Services. "Total & Near-Total Chemical Analyses - What Are They Good For?."

12:20

Dr. Jamie Wilkinson, Research Leader in Mineral Deposits, Natural History Museum. "Greenrock targeting: meeting the challenge of discovering the next generation of porphyry copper deposits under cover."

12:45

Dr. Thomas Bissig, Principal Consultant, Bissig Geoscience Consulting. "Geochemical Methods for Under Cover exploration: Examples of Non-Traditional Techniques."

13:10

Mclean Trott, Senior Exploration Geologist, Goldspot Discoveries. "The Evolution in Understanding of Porphyry Pathfinder Zonation Patterns."



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9:00	Dr. Julie Hunt, <i>Research Fellow</i> , CODES. "Rocks first geometallurgy."
9:25	Dr. Angela Escolme, <i>Researcher and Lecturer in Geology and Geometallurgy</i> , CODES. "Using exploration datasets in geometallurgical models."
9:50	Samantha Scher, <i>Senior Geochemist</i> , Corescan. "Exploring high sulfidation epithermal terranes with integrated hyperspectral imaging, geochemistry and geology data." (Co-authors: Lionel Fonteneau)
10:15	Dr. Pim Van Geffen, <i>Principal Geoscientist</i> , CSA Global. "Compositional Domaining of Ore Deposits and Estimating Value Modifiers from Geochemical Data."
10:40	Dr. Scott Halley, <i>Director</i> , Mineral Mapping Pty. "Gangue Mineral Percentages Estimated From ICP Analyses."
11:05	Dr. Jessica M. Stromberg, <i>Research Scientist</i> , CSIRO. "Generating multi-scale geology logs from geochemical data." (Co-author: Dr. June Hill)
11:30	Break
11:55	Celia Plasencia, <i>Spectral Geology and Remote Sensing Specialist</i> , GeoSpectral Consulting S.A.C. "Importance of Spectral Analysis for Vectorization to Prospective Targets."
12:20	Dr. Shaun Barker, <i>Director</i> , MDRU. "Vectors towards mineralization in carbonate-hosted hydrothermal ore deposits."
12:45	Alvaro Muñoz, <i>Geologist of project</i> , Vale. "Use of LA-ICPMS imaging as a tool for mineral exploration. Case of two superimposed magmatic-hydrothermal systems."

