



proEXPLO 2025

**SHORT COURSE post-congress**

**BEYOND CONVENTIONAL GEOMETALLURGY: A BROADER VIEW CONSIDERING THE ENTIRE MINING VALUE CHAIN, FROM EXPLORATION TO RECLAMATION**



THURSDAY  
8<sup>TH</sup> MAY, 2025



FROM 09:00  
TO 17:00 HOURS



LANGUAGE  
SPANISH



ON-SITE  
(IIMP)

**Abstract**



The short course will explore Geometallurgy from a border angle than usual. In a changing world and focused on the energy transition, an orebody knowledge approach is essential from early exploration to reclamation. The entire mining value chain must be considered to have optionality before, during and after mining. A resource must be characterized not only from a geometallurgical standpoint focusing on one or two commodities, but multi-commodity. The discovery of additional and unexpected resources for a better world might exist and these must be identified. These resources might not be economic at the time of the study, but might be in the future. This holistic approach includes geological, geochemical and mineralogical characterization as well as diverse metallurgical and material testing of the ore and non-ore in the mining value chain. It also includes existing tailings from Legacy sites.

The short course will cover a range of topics, covering aspects such as the opportunity statement, planning, sampling, characterization and testing.



**Instructor**

Geoscientist with extensive experience in greenfield exploration, advanced projects, brownfields and operations in Peru, Chile, Canada, Philippines and other parts of the world.

She is passionate about geoscience, geometallurgy and how to integrate these disciplines into projects and operations with a view towards circular economy, in order to optimize the key metals and critical elements needed for the energy transition. Since 2021, she has been serving as Group Leader of the Applied Mineralogy and Geoscience Group at Teck Metals Technical Services in Trail, BC, Canada. Prior to this, she was Principal Geoscientist for Teck Resources in Chile until 2021 and for Gold Fields Peru from 2009 to 2017.



**Regina Baumgartner**

Teck Metals Ltd.

Regina holds a Ph.D. and a Master's degree from the University of Geneva. She is also an assistant professor of Geological Engineering at the Pontificia Universidad Católica del Perú (PUCP) in Lima. Regina is a graduate of Teck Resources' Leaders for Excellence program and holds an accreditation in management as a leader and influential figure from the Australasian Institute of Mining and Metallurgy (AusIMM).

**Investment**

CATEGORIES	RATES US\$ INC. IGV	
	Until 09.03.2025	From 10.03.2025
Non - Associates	350	400
Associetes	250	300
Students	100	120
Teachers	120	150

- \* The IIMP Active Member must be up to date with their 2025 dues.
- \* The student and the teacher must present their respective university transcripts.
- \* Includes digital certificate.

14TH INTERNATIONAL CONGRESS OF PROSPECTORS AND EXPLORERS

**DISCOVERING MINERAL RESOURCES FOR A BETTER WORLD**

05 - 07 may, 2025

Venue: Lima Convention Center

ORGANIZED BY:



INSTITUTO DE INGENIEROS DE MINAS DEL PERÚ

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