



pro**EXPLO**2025

SHORT COURSE pre-congress

GEOCHEMISTRY APPLIED TO MINERAL EXPLORATION



SUNDAY
4TH MAY, 2025



FROM 09:00
TO 17:00 HOURS



LANGUAGE
SPANISH



ON-SITE
(IIMP)

Abstract



This short theoretical and practical course will introduce basic aspects of geochemistry applied to porphyry copper exploration. Procedures for interpreting multi-element rock and soil compositional data to infer rock types and hydrothermal alteration will be discussed. Real data will be worked on in a group setting, introducing the use of ioGAS software (laptop recommended).



Instructor

Federico Cernuschi is an independent consultant based in Punta del Este, Uruguay. He specializes in the geology and geochemistry of magmatic and hydrothermal ore-forming processes, focusing on the exploration and development of porphyry deposits. He integrates classic hand-lens observations and Anaconda-style mapping, core-logging, and construction of cross-sections with the study of multi-element geochemical and spectral mineralogy data sets. Fede provides continued support to First Quantum Minerals and services to companies like Rio Tinto, Lundin, and several junior explorers. He has worked on exploration projects of varied geology and age across more than 20 countries in these roles. He has provided training in geology and geochemistry to multiple global exploration teams. His education includes UDELAR, Uruguay (B.S.), and Oregon State University (M.S. and Ph.D.).



Federico Cernuschi

Independent Consultor

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
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