



UNIVERSITÀ DEGLI STUDI DI MILANO



Corso di Dottorato in
Scienze della Terra



Dipartimento di Eccellenza 2018-2022
LE GEOSCIENZE PER LA SOCIETÀ: RISORSE E LORO EVOLUZIONE

Milano - 21-23 March 2022 - Short course (2 cfu) -

March 21: Aula "C" 13.30-17.30; March 22: Aula "B" 8.30-12.30

March 23: Aula "A" 8.30-10.30 and Aula "B" 10.30-12.30

High tech metals in mineral deposits by Nicola Mondillo and Licia Santoro

PROGRAM

- Introduction: the criticality of metals and materials
- "Conventional" mineral deposits for "high tech metals": magmatic and hydrothermal ores
- Ga (+REE, Sc) in bauxite deposits
- Co in the supergene environments
- Ge in non-sulfide deposits
- Techniques of mineral processing

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High-grade Co ore in a laterite cover from Cameroon

