



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### **Provenance analysis: how to integrate single grain and bulk techniques**

2324-1-124R024

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#### **Title**

**Provenance analysis: how to integrate single grain and bulk techniques**

#### **Teacher(s)**

Sergio Andò ; Alberto Resentini

#### **Language**

English

#### **Short description**

This course is aimed at the integration of advanced techniques in sedimentary petrography in order to: reconstruct source-to-sink systems; characterize deposits related to extreme events; explore unconventional oil and gas reservoirs; complement single heavy mineral analysis (i.e., geochronological data). Detailed contents include: (i) Sampling techniques; (ii) Laboratory procedures; (iii) Data collection (microscope and Raman); (iv) Data evaluation and interpretation; (v) Data visualization and statistics.

Evaluation: NO

## **CFU / Hours**

2 CFU - 16 Hours (Lecture)

## **Teaching period**

I semester: 1-4-11-18 December 2023 - 9.00-13.00 - 3011 (U4)

## **Sustainable Development Goals**

QUALITY EDUCATION | GENDER EQUALITY | INDUSTRY, INNOVATION AND INFRASTRUCTURE |  
RESPONSIBLE CONSUMPTION AND PRODUCTION

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