



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

23-24-25 February 2022 - Short course (2 CFU, 12 hours) - Univ. Milan

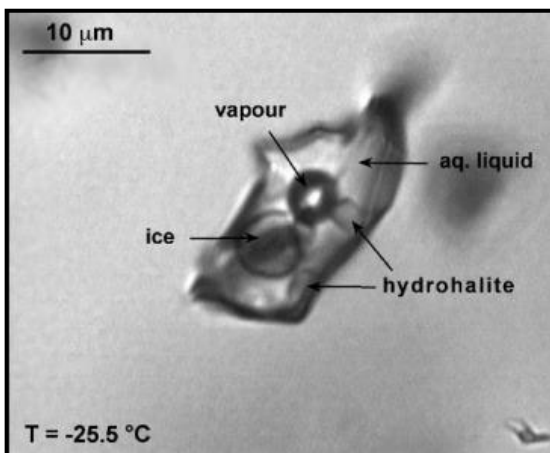
Introduction to fluid inclusion studies in sedimentary basins

by Marta Gasparri

9:00 / 13:00 - room Di Napoli -
Earth Sciences Department



Marta Gasparri
Researcher at
University of Milan



PROGRAM

- Aims of fluid inclusion studies
- Fluid inclusion petrography
- Microthermometry analysis:
 - I. H₂O-salt systems
 - II. Hydrocarbon systems
- Data presentation and interpretation
- Non-destructive and destructive analysis

For information and registration:
Dr. Marta Gasparri (marta.gasparri@unimi.it)

Objectives of the course:

- Be introduced to principles, terminology and aims fluid inclusion (FI) studies
- Practice the petrographic principles to establish potential of FI studies in diagenetic minerals
- Get familiar with microthermometry analysis of the most common fluids in sedimentary basins and their interpretation
- Be introduced to non-destructive and destructive analysis of individual FI and bulk analysis
- Examples from case histories will be illustrated during the course

Bring in your thin sections: let's check their fluid inclusion contents! Extra time for those who want to stay longer...and if we can have access to a lab!

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