UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Raman Spectroscopy: A Flexible Tool for an Integrated Research Approach

2425-1-124R006

Title

Raman spectroscopy: a flexible tool for an integrated approach in scientific research

Teacher(s)

Sergio Andò ; Claudia Conti; Luca Ferrero; Maria Luce Frezzotti; Veronica Nava; Alberto Resentini; Francesco Saliu; Chiara Urani

Language

English

Short description

- Raman spectroscopy in Earth and Planetary Sc. and Provenance Studies (S. Andò) - 2h
- Raman spectroscopy Training 1 (Minerals) (S. Andò) - 1h
- Raman spectroscopy of inclusions in minerals (M.L. Frezzotti) - 2h
- Raman spectroscopy and U-Pb geochronology (A. Resentini) - 2h
- Identification of microplastic in air and sea water by Raman spectroscopy (L. Ferrero) – 2h

- Raman spectroscopy in Cultural Heritage (C. Conti) - 1h
- Raman spectroscopy Training 2 (Anthropogenic compounds) (S. Andò) -1h
- Identification of Microfibers in Natural Environments, a new analytical challenge:
- the contribution of Raman Spectroscopy (F. Saliu) - 1h
- Identification of microplastic in lakes and rivers by Raman spectroscopy (V. Nava) – 2h
- Raman spectroscopy in Health and Environmental Studies: (C. Urani) - 1h

Evaluation: YES

CFU / Hours

2 CFU - 16 Hours (Lecture)

Teaching period

II semester

Sustainable Development Goals