



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

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

2122-94R-SCGA36

Titolo

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

Docente(i)

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

Lingua

English

Breve descrizione

•Raman theory and principles (Maria Luce Frezzotti) - 2h

•Raman spectroscopy in mineralogy and geochemistry (Sergio Andò) - 2h

- Future applications of Raman spectroscopy in georesources (Sergio Andò) -1h
- Luminescence and Raman signals - 1h (Sergio Andò) - 1h
- Raman spectroscopy of carbon (Maria Luce Frezzotti) - 2h
- Raman spectroscopy a new tool for identification of microplastic (Luca Ferrero and Veronica Nava) - 2h
- Raman spectroscopy in health and environmental studies: (Chiara Urani) - 1h
- Advances in Raman Spectroscopy for the non-invasive subsurface investigation of Cultural Heritage materials (Claudia Conti - ISPC) - 2h

CFU / Ore

2 CFU - 16 Hours (Lecture)

Periodo di erogazione

Il semester
