

Isotope stratigraphy (carbon and strontium) of shallow-water carbonates

Prof. Mariano Parente

12 hours – 3 CFU

Short Program of the Course:

Strontium isotope stratigraphy

- principles and methods – 2 hours
- critical discussion of case histories – 2 hours
- sample selection and diagenetic screening (lab exercise) – 2 hours

Carbon isotope stratigraphy

- principles and methods – 2 hours
- critical discussion of case histories – 2 hours
- evaluation and interpretation of datasets (lab exercise) – 2 hours

Prerequisites: Basic knowledge of carbonate sedimentology, paleontology, geochemistry.