

Isotopic Tracers of Geological Processes

Prof. Massimo D'Antonio

12 hours – 3 CFU

Short Program of the Course:

- Radioactivity; radioactive and radiogenic isotopes; isotopic fractionations; stable isotopes – 3 hours
- Absolute geochronology; isotopic systematics; isotopic geothermometry – 3 hours
- Radiogenic and stable isotopes in petrology as tracers of closed- and open-system magmatic processes – 3 hours
- Radiogenic isotopes as tracers of metamorphic events; stable isotopes as tracers of low T processes – 3 hours