

The potential of high-resolution X-ray computed tomography in Geosciences

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Credits: 2 CFU (16 hours)

October 2017

Course Program

X-Ray Computed Tomography represents a powerful non-destructive investigation technique, capable of displaying in a three-dimensional way the volume and the internal structure of the investigated objects, also thanks to modern 3D rendering techniques. The goal of training course will be to show the principles, the advantages and limitations of microtomography through theoretical and hand-on lessons, with an overview of some current applications in geosciences.

Training Details

Day 1: 9:30-12:30 – Theory

14:30-16:30 – Hands on

Day 2: 9:30-12:30 – Theory

14:30-16:30 – Hands on

Day 3: 9:30-12:30 – Theory

14:30-16:30 – Hands on