

Title: Interpretation of seismic reflection profiles in seismically active areas of Central Italy.

Name of the **supervisor:** M. Barchi

Name(s) of a **potential co-supervisor(s):** M. Porreca, F. Mirabella

Prospective **assistance** in the supervision (Lab activity, fieldwork): field and laboratory activities (modelling by software)

Brief **description** of the planned research and references if needed, including the 1) **objectives**, 2) the **study area** and 3) the **research methods** foreseen.

1. A - Definition of the subsurface structure, including, seismic stratigraphy, velocity model, structural interpretation; B - characterization of the seismogenic structures and of the seismogenic layer(s).
2. Pietralunga area (North-West of Gubbio).
3. Interpretation of seismic reflection profiles, using GIS and 2DMove software.