

5) Title*: *GPR signature of Quaternary faults across the Mt. Pollino area (Calabria/Basilicata, South Italy).*

Name of the **supervisor:** *Maurizio Ercoli*

Name(s) of a **potential co-supervisor(s):** *Cristina Pauselli, Daniele Cirillo, Francesco Brozzetti*

Prospective **assistance** in the supervision: *Data Processing and Interpretation.*

Prerequisites based on specialization or specific compulsory courses or (if any): *Applied Geophysics. Good attitude in the use of Geophysical - GPS - GIS software and skills in data processing and interpretation.*

Brief **description** of the planned research and references if needed, including the 1) **objectives**, 2) the **study area** and 3) the **research methods** foreseen: *Possible geophysical evidences of unknown fault strands generated by past strong earthquakes may be located in the shallow subsurface of the Piano di Ruggio Basin, characterized also by karsts subsurface morphologies. References available.*