

1. *Seismic interpretation and sequential restoration of detachment folds in the passive continental margin of East Africa (Lamu basin)*

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

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

**Prospective assistance in the supervision:** 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. Interpretation of seismic reflection profiles, using GIS and 2DMove software
2. Forward modelling and petroleum implications