LERU STudent REseArch Mobility Programme (STREAM)
Project proposal

Host University:
Università degli studi di Milano

Field:
Information and Communication Technologies

Specified field, subject:
Structural geology

Research project title:
Quantitative Meso and Microstructural analysis of metamorphic tectonites

Possible starting month(s):

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Possible duration in months:

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Suitable for students in: 2nd cycle (Master students)

Prerequisites: Basic petrographic techniques; basic knowledge in structural geology; field work ability

Restrictions: none

Description:
The project will focus on quantitative techniques of meso and microstructural analysis of metamorphic rocks. Three main aspect of the rock fabrics will be measured: Shape Preferred Orientation; Lattice Preferred Orientation and distribution of chemical components. Microstructural analysis by optical microscopy, neutron diffraction and Electron MicroProbe Analysis (EMPA)

Faculty or Department Department of Earth Sciences "Ardito Desio" - Università degli Studi di Milano

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