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CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Guillaume Bonnet
Supervisor page	https://www.researchgate.net/profile/Guillaume-Bonnet
Host Institution	Sorbonne Université https://www.sorbonne-universite.fr/en
Research Lab	Institut des Sciences de la Terre de Paris http://istep.upmc.fr/fr/index.html
Research Team	Pétrologie et Géodynamique http://istep.upmc.fr/fr/les_equipes/demo.html

Project Title

Subduction-collision transition through multimethod detrital geochronology

Project Description

The transition between a cold subduction and a warm collision environment occurs within a very short time interval, yet is not expressed synchronously in different parts of the orogen across strike.

We propose to apply an array of recently developed geochronological methods to the french Alps to characterise the provenance, source rock, timing and conditions of magmatism or metamorphism and thermal evolutions.

Keywords

Geochronology, tectonics, western Alps

Description of the Host Research Lab

The Institut des Sciences de la Terre de Paris (ISTeP) is a geosciences laboratory focused on cutting-edge fundamental research (4 research teams: Pétrologie et Géodynamique, Terre-Mer : Structures et Archives, Tectonique, PRISME : Pétrophysique, Réservoirs, Interfaces, Structures, Modélisation et Environnement), but is also keen to transfer its expertise in response to societal concerns and the challenges of environmental transition (Natural hazards: gravity, seismic, volcanic and morpho-hydro-climatic; Transition: decarbonised H₂ and geothermal energy resources, CO₂ sequestration, strategic minerals Rare Earths and Li, new and heritage materials).

To submit your application, please send an email with the required documents to
msca-pf@sorbonne-universite.fr