



Institut des Sciences de la Terre

Postdoc position at ISTerre on the study of carbonate mineral-water-oil interfaces by atomic force spectroscopy

We currently have a postdoc position available at the geochemistry group of ISTerre (CNRS & Univ Grenoble Alpes).

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The candidate will perform nanoscale-scale characterization of the carbonate mineral-water-oil interfaces and molecular interactions using mainly **atomic force spectroscopy**. This work will be integrated into a multidisciplinary team of geologists, physicists, and environmental chemists. The research project will be developed in collaboration with TOTAL.

Applicants must hold a PhD in Chemistry, Physics, Material science, or a related field, and have **extensive experience in force spectroscopy** both in air and liquids. Knowledge about crystallization/mineralogy is desired but not a must. Excellent oral and written communications skills in both French and English are a must. The initial appointment is for **two years** and comprises a competitive salary taking into account previous work experience.

Interested candidates should send a CV, a brief description of research interests, and names of two referees to A. Fernandez-Martinez, A.E.S. Van Driessche and Laurent Charlet (alex.fernandez-martinez@univ-grenoble-alpes.fr, alexander.van-driessche@univ-grenoble-alpes.fr, laurent.charlet@univ-grenoble-alpes.fr) no later than January 31, 2020.