

### **Postdoc position in low temperature U-Pb and U-Th geochronology**

Our isotope geochemistry group at Cologne invites applications for a Post-Doc position in low temperature U-Pb and U-Th geochronology within the framework of the DFG funded CRC 1211 "Evolution at the Dry limit" (<https://sfb1211.uni-koeln.de/>). The objective is to date episodes of gypsum and carbonate formation in the Atacama and Namib Deserts of Chile and Namibia, respectively. Methodologies for solution based U-Pb and U-Th dating using MC-ICPMS have already been developed in precursor projects, also involving pilot projects, and the candidate is expected to actively develop such methods further and to apply the dating methods in a variety of projects involving neighbouring research groups at Cologne. Our lab is equipped with state of the art mass spectrometers (Neptune Plus and Neoma MC-ICPMS(MS), Triple Quad and conventional ICPMS, 193 nm Excimer Laser system). We can offer a very active and fair research environment in an interdisciplinary and international research team, involving different researchers from earth sciences and biology. The position is funded for at least 3 years, and an extension for up to 1 year is possible, depending on the exact starting date.

Applicants should hold a PhD or equivalent and have good expertise in mass spectrometry, clean lab techniques and ideally also in low temperature geochemistry. Willingness to conduct independent fieldwork in remote desert areas would be desirable. Please send your application documents (CV, publication list and motivation letter) in one pdf file to [c.muenker@uni-koeln.de](mailto:c.muenker@uni-koeln.de), at latest by Oct 11<sup>th</sup> or until the position is filled.