PhD positions in geothermal, isotope and experimental geochemistry

The Geochemistry Group of the Institute of Earth Sciences University of Iceland (http://earthice.hi.is/) invites applications for a Ph.D. positions in the field of geothermal, isotope and experimental geochemistry. The positions are part of the GECO (https://geco-h2020.eu/) project funded within the framework of Horizon 2020.

This position focuses on water-rock interaction and stable isotope systematics of carbon in geothermal fluids and carbonates. The motivation relates to the injection and sequestration of CO2 into geothermal systems and to better understand natural sources, fluxes and reactions of carbon in such systems. Planned experimental work will assess stable isotopic fractionations occurring between CO2, dissolved carbon and mineral carbonates under geothermal conditions and the application of the results to monitor CO2 sequestration upon injection into natural geothermal systems. The precise topic of the Ph.D. study can be adapted to the interests of the candidate. The applicant must have completed a master degree in geosciences or a related field, developed good laboratory skills and have excellent English language skills both written and spoken. The position is funded for three years.

For further information and enquiries contact Dr. Andri Stefánsson (e-mail: as@hi.is) and Dr. Sæmundur A. Halldórsson (saemiah@hi.is). All applications, which need to include a letter of motivation, curriculum vitae and names of two references, shall be send to Dr. Stefánsson. Applications are open until July 1st 2019 or until the positions are filled.