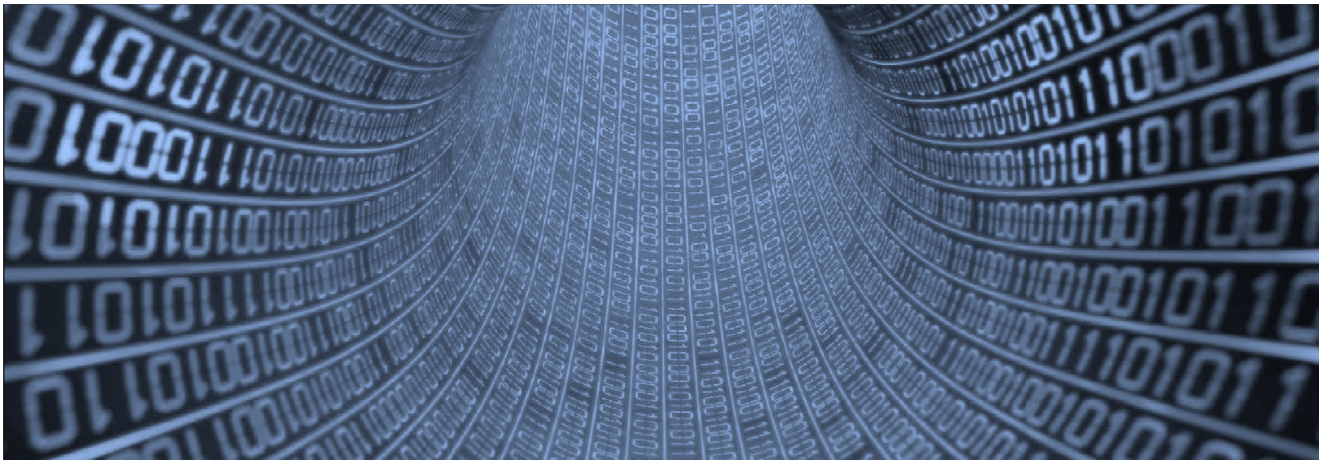




SIX RESEARCH POSTS and TWO PhD STUDENSHIPS

Geoenvironmental Research Centre, Cardiff University



Applications are invited for six research posts (two Research Associates / four Research Assistants) and two PhD studentships at the Geoenvironmental Research Centre (GRC), Cardiff University to work on Advanced Computational Modelling of Geoenergy Problems. Applications in the sequestration of carbon dioxide in coal, coalbed methane extraction, underground coal gasification and ground source heat are to be considered.

The successful candidates will be responsible for delivering models of the physical, chemical and mechanical processes involved, including gas/chemical transport and bio- geochemical reactions. Formulations based on the Centre's well established Thermo-Hydro-Mechanical (THM) model are to be developed. High performance computational algorithms are also to be developed.

This new group will form part of large project where significant experimental work on carbon sequestration in coal, coalbed methane extraction, underground coal gasification and ground source heat is already under way.

➤ **Research Associate** x 2 (Vacancy numbers: 791BR & 792BR)

Salary: £30,424 - £36,298 per annum (Grade 6)

➤ **Research Assistant** x 4 (Vacancy numbers: 793BR, 794BR, 795BR & 796BR)

Salary: £24,766 - £28,685 per annum (Grade 5)

➤ **PhD Studentship** x 2

Salary: The University fee will be funded at the current UK/EU student rate and a stipend of £13,606 per year, tax free, with inflationary increases.

The posts are available immediately and will end on 30 June 2015.

Please visit www.cardiff.ac.uk/jobs and search for the relevant vacancy number.

Closing Date: Wednesday, 27 March 2013.

