PhD Studentship
Dr Scott Habershon

PhD project: Quantum dynamics in condensed-phase systems
Supervisor: Dr Scott Habershon

Project description:
An EPSRC Ph.D studentship is available for 3.5 years, starting in October 2013, in the research group of Dr. Scott Habershon in the Department of Chemistry at the University of Warwick. This is an EPSRC-funded studentship currently paying an annual stipend of £13,590.

The project will involve the development of new molecular simulation methods that can be used to investigate quantum-mechanical effects, such as zero-point energy conservation and tunneling, in the dynamics of condensed-phase systems. These methods will be employed to study quantum dynamical phenomena in a variety of technologically- and biologically-important systems, such as hydrogen-transfer enzymes and candidate materials for hydrogen storage.

Further information about research in the Habershon group can be found at http://go.warwick.ac.uk/habershongroup

Requirements:
Applicants should have (or be about to receive) an honours degree (at least 2:1 or equivalent) in chemistry, physics or another relevant discipline. Prior experience of computational chemistry or molecular simulation is desirable, but not essential. This studentship is subject to the eligibility requirements of EPSRC (http://www.epsrc.ac.uk/funding/students/Pages/eligibility.aspx).

How to apply:
Informal enquiries, including a full CV, should be directed to Dr. Scott Habershon (S.Habershon@warwick.ac.uk).

Details on how to apply can be found at http://go.warwick.ac.uk/pgapply

Deadline:
Friday 14th December 2012