

JOB DESCRIPTION
Research Associate in the Theory of Quantum Clusters (Bac to Fuel)
Vacancy Ref: A2686

Job Title: Research Associate in the theory of atomic quantum clusters	Present Grade: 6
Department/College: Physics	
Directly responsible to: Prof Colin Lambert	
Supervisory responsibility for: Co-supervision of PhD students	
Other contacts	
Internal: Members of Prof Lambert's research group comprising 2 research fellows, 2 postdoctoral researchers and 16 PhD students	
External: Collaborators within the EU project Bac-to-Fuel. A range of outside collaborators from EPSRC and EU funded projects.	
Major Duties:	
Under the guidance of Prof Lambert, the post holder will be expected to:-	
<ol style="list-style-type: none"> 1. Take responsibility for day to day project management of the EU-funded Bac-To-Fuel project. 2. Analyse results from computational simulations and analytical theory. 3. Contribute to the interpretation of the results. 4. Build models of quantum properties of atomic quantum clusters. 5. Draft scientific papers arising from the project. 6. Participate in national and international conferences, presenting the results of the project and learning about current advances in the field. 7. Generally help with the running of the research group, including: supervision of new/junior members of the group and PG students. 	