

PERSON SPECIFICATION
Research Associate in the Theory of Molecular Electronics
Vacancy Ref: A1868

Criteria	Essential/ Desirable	* Application Form/ Supporting Statements/ Interview
PhD in theoretical Physics or theoretical chemistry	Essential	Application form
Experience of project work/research in theoretical physics or theoretical chemistry	Essential	Application form/ supporting statement
Ability to contribute to publications in high quality journals and to present work at international conferences. (At least 8 papers since 1.1.15)	Essential	Application form
Significant expertise in developing and using the quantum transport code GOLLUM and density functional theory.	Desirable	Application form/ supporting statement
Excellent theoretical and analytical skills	Essential	Supporting statement/ interview
Ability and willingness to co-supervise PhD students	Essential	Supporting statement/ interview
Excellent interpersonal and communication skills and a strong command of English.	Desirable	Supporting statement/ interview
Ability to co-operate with others, including with industrial partners, share leadership for team tasks, being flexible in approach.	Desirable	Supporting statement/ interview
Be enthusiastic, well-organised and capable of working independently in the multidisciplinary environment, defining research objectives, prioritising and planning research to drive project progress.	Desirable	Supporting statement/ interview

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- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to answer a specific supporting statement. Normally used to evaluate factual evidence eg award of a qualification. Will be “scored” as part of the shortlisting process.
- **Supporting Statements** - applicants are asked to provide a statement to demonstrate how they meet the criteria. The response will be “scored” as part of the shortlisting process.
- **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.