

PERSON SPECIFICATION – Research Associate

Vacancy Ref: A2563

Job Title:	Research Associate	Present Grade:	6
Department/College:	Engineering Department		
Directly responsible to:	Dr Riccardo Degl’Innocenti		

Criteria	Essential/ Desirable	Application Form/ Supporting Statements/ Interview*
Previous experience of clean room environment, e.g. optical and electronical lithography	Essential	Application Form / Supporting Statements/ Interview
Excellent publications record in peer-reviewed journals appropriate to stage of career	Essential	Application Form/ Supporting Statements/
Previous experience with FEM simulation tools such as Comsol Multiphysics or CST and other softwares, such as Matlab.	Highly desirable	Application Form / Supporting Statements/ Interview
Some knowledge of terahertz measurements, graphene and/or semiconductor processing, solid state physics	Desirable	Interview/ Supporting Statements
A PhD (or about to obtain) in Electronics/Electrical Engineering, Physics or similar.	Essential	Application Form
Be an effective communicator with good inter-personal skills and a strong command of English. Be able to write competently in a good scientific style and be familiar with preparing scientific reports and oral presentations.	Essential	Application form/ Interview/ Supporting Statements
The appointee should have the ability to co-operate with others and work as part of a team and be flexible in approach. Should be enthusiastic, well-organised and capable of independent study.	Essential	Interview
To convey an appropriate rationale and interest in applying for this particular post	Essential	Application Form

- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to make a specific supporting statement. Normally used to evaluate factual evidence eg award of a PhD. Will be “scored” as part of the shortlisting process.
- **Supporting Statements** - applicant 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.