



## PERSON SPECIFICATION

Vacancy Ref: A2001

Criteria	Essential/ Desirable Grade 6	* Application Form / Supporting Statements/ Interview
An undergraduate degree in Physics, Material Science or other relevant scientific subject	Essential	Application Form
A PhD in a subject relevant to the field of semiconductor physics, optics, secure communications or related	Essential	Application Form
Knowledge of physics relevant to semiconductors, optoelectronic, basic quantum mechanics	Essential	Application Form and interview
Able to work collaboratively, as part of a team	Essential	Interview
Demonstrated ability learn new analytical and experimental techniques through self-directed learning	Desirable	Supporting statements and interview
Good verbal, communication and interpersonal skills	Essential	Interview
Willingness to travel to visit international collaborators and give presentations at conferences	Essential	Interview
Ability to conduct high quality research and publishing results in journals	Desirable	Supporting statements and interview
Experience with semiconductor device fabrication and testing.	Desirable	Supporting statements and 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.