

**PERSON SPECIFICATION**

**Vacancy Ref: 0080-24**

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| **Criteria** | **Essential/ Desirable** | **\* Application Form/ Supporting Statements/ Interview**  |
| PhD in Physics or Engineering or recently completed PhD viva  | Essential | Application form |
| Experience of project work/research in physics. | Essential | Application form/ supporting statement |
| Ability to contribute to publications in high quality journals and to present work at international conferences. | Essential | At least 4 papers since 1.1.15 with 2 papers in journals with impact factors greater than or equal to Nanoscale |
| Significant expertise in device processing of III-V semiconductors. | Essential | Application form/ supporting statement |
| Significant expertise in semiconductor characterisations. | Essential | Application form/ supporting statement |
| Expertise in LED and/or lasers. | Desirable | Application form/ supporting statement |
| Expertise in MBE growth of arsenide/antominide.  | Desirable | Supporting statement/ interview |
| Ability and willingness to co-supervise PhD students. | Desirable | 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.