**Criteria** | **Essential/Desirable** | **Application Form/Supporting Statements/Interview**
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A PhD in experimental condensed matter physics or related discipline | Essential | Application Form
A good understanding of experimental and theoretical research in the field of quantum electronic devices | Essential | Application Form/Supporting Statements/Interview
Publication record appropriate to stage of career including first-author research publications in peer-reviewed journals | Essential (G7) Desirable (G6) | Application Form
Experience in measurement techniques at low temperature, including radio-frequency and microwave-frequency experiments; and experience of data analysis and interpretation | Desirable | Application Form/Supporting Statements/Interview
Hands-on experience in nanofabrication techniques such as circuit design, photo- and electron-beam lithography and thin-film deposition | Desirable | Application Form/Supporting Statements/Interview
Ability to write and contribute to research reports, publications and funding applications | Desirable | Application Form/Supporting Statements/Interview
Ability to contribute to the research team objectives without close guidance and to develop their own research profile within the overall direction of the group | Desirable | Application Form/Supporting Statements/Interview
Effective interpersonal skills: ability to communicate well, promote the results of the project, provide appropriate guidance for colleagues, and give advice and direction to students | Desirable | Application Form/Supporting Statements/Interview
Effective computer programming skills | Desirable | Application Form/Supporting Statements/Interview
Ability to start as soon as possible | Desirable | Application Form/Supporting Statements/Interview

- **Application Form** – assessed against the application form, curriculum vitae and letters of support. Applicants will not be asked to make a specific supporting statement. Normally used to evaluate factual evidence, e.g., award of a PhD. 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 competency-based interview questions, tests, presentation, etc.