Physics | Lancaster University

Senior Research Associate / Research Associate in superconducting qubits with moveable junctions

PERSON SPECIFICATION

Job vacancy:

Criteria	Essential/Desirable	Application Form/ Supporting Statements/ Interview*
A PhD or equivalent experience in a relevant research area	Essential	Application Form
Working knowledge of experimental quantum electronics	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 of superconducting circuits, nanomechanics, low-temperature physics, or nanofabrication	Desirable	Application Form/ Supporting Statements/ Interview
Ability to write research reports and scientific publications	Desirable	Application Form/ Supporting Statements/ Interview
Effective computer programming skills for experimental control and data analysis	Desirable	Application Form/ Supporting Statements/ Interview
Effective interpersonal skills: ability to communicate well with colleagues and collaborators; ability to give advice and direction to students.	Desirable	Application Form/ Supporting Statements/ Interview
Ability to start on 1 January 2023 or soon thereafter	Desirable	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** - 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 competency-based interview questions, tests, presentation, etc.