

PERSON SPECIFICATION

Senior Research Associate/Research Associate in Terahertz Control of Magnetic Materials for Ultrafast Spin Switching

Ref: A2957

Criteria	Essential/ Desirable	Application Form / Supporting Statements/Interview *
A PhD or equivalent in a relevant research area	Essential	Application Form
Working knowledge and practical research experience in ultrafast spectroscopy or terahertz photonics (Grade 7) Considerable research experience in ultrafast/terahertz spectroscopy of cooperative dynamics in condensed matter	Essential	Supporting Statements/ Interview
Experience of time resolved studies of ultrafast spin dynamics (Grade 7) Considerable independent experience in ultrafast magnetism	Desirable	Supporting Statements Interview
Experience of experiments at low temperatures using cryogenic equipment with optical access	Desirable	Supporting Statements/ Interview
Experience of theoretical modelling of ultrafast dynamics of condensed matter	Desirable	Supporting Statements/ Interview
Publication(s) in international peer-reviewed journals (Grade 7) Significant track record of high-quality publications	Essential	Application Form
Ability to work both individually and with a team, including students, other PDRAs, academics and collaborators (Grade 7) Ability to direct and manage your own research and that of others, within a specified project	Essential	Supporting Statements Interview
Willingness to travel to visit collaborators and to give presentations at national or international conferences	Essential	Interview
High standard of written and spoken English	Essential	Application Form/Interview
Excellent interpersonal and communication skills	Essential	Interview

*

- **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** - 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.

