

**PERSON SPECIFICATION**

**Senior Research Associate in Ionospheric Physics, Physics Department**

**Vacancy reference: 0148-24**

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| **Criteria** | **Essential/ Desirable** | **\* Application Form/ Supporting Statements/ Interview**  |
| PhD in space physics, planetary atmospheres, physics or related field | Essential | Application Form |
| Demonstrable experience in the analysis and interpretation of space physics datasets. | Essential | Application form / Supporting statements |
| Computational and analytical skills, including experience with Python, Fortran, IDL or similar scientific programming languages | Essential | Supporting statements / Interview |
| Ability to contribute to and lead on publications in high-impact journals and to present work at international conferences  | Essential  | Application form / CV |
| Ability to co-operate with others, sharing tasks, being flexible in approach | Essential | 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 | Essential | Application form / Interview |
| Excellent interpersonal and communication skills and a strong command of English | Essential | Interview |
| Previous research in atmospheric, ionospheric, magnetospheric or auroral physics, or magnetosphere-ionosphere-thermosphere coupling | Desirable | Application form / Supporting Statement  |
| An interest in engaging with students and non-specialist audiences (e.g. undergraduate project students, schools, general public) | Desirable | Supporting Statement / Interview |

* **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 as part of their application 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.