

PERSON SPECIFICATION

Details on the qualifications, experience, skills, knowledge and abilities that are needed to fulfil this role are set out below.

Job Title: Post-Doctoral Researcher in Quantifying the light scattering and atmospheric oxidation rate of real organic films on atmospheric aerosol.

Department: Earth Sciences

| | Essential | Desirable | Tested by Application Form/Interview/Test |
|--|-----------|-----------|---|
| Knowledge, Education, Qualifications and Training | | | |
| PhD in Physics, Chemistry, Engineering, or a related discipline | X | | Application Form |
| Knowledge of atmospheric science | | X | Application Form |
| Knowledge of Mie Scattering or light scattering techniques | | X | Interview |
| Skills and Abilities | | | |
| Ability to code/script in languages such as Labview, python, C, Python, or similar | X | | Application Form , Interview |
| Excellent written and oral communication skills | X | | Application form, Interview |
| Experience | | | |
| Experience of techniques in laser science, including aligning laser systems | X | | Application Form , Interview |
| Strong publication record commensurate with career stage | X | | Application Form |
| Experience presenting research at scientific conferences | | X | Application Form |
| Experience running simulation codes to fit and reduce data. | X | | Application Form , Interview |
| Experience of supervising undergraduate or postgraduate students | | X | Application Form |
| Experience coordinating multi-institution research teams | | X | Interview |