

**PDRA** in Cold Atom Theory and Long-Range Radiative Dipolar Interactions

**Ref: A**

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| Criteria | Essential/ Desirable | Application Form / Interview \* |
| A PhD or equivalent in a relevant research area. | Essential | Application Form |
| Research track record in a sufficiently closely related field to many-body physics, cold atom physics, quantum optics, computational physics, quantum physics. | Essential | Application Form/ Interview |
| Experience in more than one of the following fields: many-body physics, cold atom physics, quantum optics, computational physics, quantum physics. | Desirable | Application Form/ Interview |
| Working knowledge and practical experience analytic and numerical calculations. | Essential | Application Form/ Interview |
| Evidence of publishing results in good journals. | Essential | Application Form/ Interview |
| Evidence of giving presentations at international conferences or workshops. | Desirable | Application Form/ Interview |
| Ability to work both independently and with a team, including students, other PDRAs, academics and collaborators. | Essential | Interview |
| Willingness to travel to visit international collaborators and to give presentations at international conferences. | Essential | Interview |
| Ability to present information in an accurate and appropriate format. | Essential | Application Form |
| Ability to convey an appropriate rationale and interest in applying for this particular post. | Essential | Application Form |

* **Application Form** – assessed against the application form, curriculum vitae and letter of support. Evidence will be “scored” as part of the shortlisting process.
* **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.