

RESEARCH ASSOCIATE/SENIOR RESEARCH ASSOCIATE

Ref: A2078

| Criteria | Essential/ Desirable | Application Form/ Supporting Statements/ Interview* |
|---|-------------------------|--|
| A PhD in control engineering, mathematics, robotics or other relevant discipline. | Essential | Application Form |
| A thorough working understanding of the theory and practice of control system design, particularly in respect to robotic systems | Essential | Supporting Statements/Interview |
| Experience in the analysis, and the comparison and interpretation of data | Essential | Supporting Statements/Interview |
| Effective computer programming skills, preferably including MATLAB. | Essential | Supporting Statements/Interview |
| Publications record appropriate to stage of career including peer-reviewed articles | Essential | Application Form |
| To convey an appropriate rationale and interest in applying for this particular post | Essential | Application Form |
| Effective interpersonal skills, including evidence of working collaboratively within a team and providing appropriate guidance for colleagues | Essential | Interview |
| Familiarity with system identification and machine learning algorithms | Desirable | Supporting Statements/Interview |
| Experience of applying control methods to real-world problems, including laboratory based, with embedded systems and FPGA etc. | Desirable | Supporting Statements/Interview |

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- 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 - 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 either competency based interview questions, tests, presentation etc.