

**PERSON SPECIFICATION**

**Professor of Mathematical AI**

|  |  |  |
| --- | --- | --- |
| Criteria | Essential/ Desirable | Application Form/ Interview \* |
| Internationally recognised research achievements in mathematics and/or AI methodology connected with real-world challenges. | Essential | Application Form |
| Record of attracting substantial external research funding commensurate with field of academic study. | Essential | Application Form/ Interview |
| Proven track record of scientific leadership. | Essential | Application Form/ Interview |
| Track-record of contributing to, and capacity to lead, key activities within the section, school and wider university, including working co-operatively and flexibly with colleagues. | Essential | Application Form/ Interview |
| Experience of supervising PhD students and/or Research Associates. | Essential | Application Form |
| Ability to support, develop and/or lead the teaching or training of mathematics and/or AI programmes. | Essential | Application Form/ Interview |
| Excellent oral and written communication skills. | Essential | Application Form/ Interview |
| Ability to carry out collaborative research and develop new collaborations with researchers in other disciplines and non-academic organisations. | Essential | Application Form/ Interview |
| External activity in supporting the discipline of mathematics and/or AI methodology through journal work, committee membership etc. | Desirable | Application Form/ Interview |

* **Application Form** – assessed against the application form and curriculum vitae. 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.