

**JOB DESCRIPTION**

**Vacancy Ref: 1059-24**

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| **Job Title:** Senior Research Associate | **Present Grade:** 7 |
| **Department/College:** School of Mathematical Sciences |
| **Directly responsible to:** Prof Christopher Nemeth |
| **Supervisory responsibility for:** Assisting with supervision of PhD students as appropriate |
| **Other contacts**  |
| **Internal:** PhD students involved with the research grant; colleagues in the School of Mathematical Sciences. |
| **External:** The sponsoring partners and the wider research community. |
| **Major Duties:**To conduct research, write publications and present at conferences. The role carries responsibility forensuring that research activities are in line with project objectives, and has autonomy to ensure thatobjectives are met.* To contribute to the research project, the primary aim of which is the development of novel probabilistic AI methodologies for analysing large-scale data sources.
* To publish in leading statistical or machine learning journals/conference proceedings and, where appropriate, to contribute to publications in these journals jointly with other members of the project.
* To attend project meetings as directed by the principal investigator.
* To attend meetings, workshops and conferences in the UK and abroad, presenting research results and networking.
* To develop code that implements the methods developed in a way which supports reproducible research practices.
* To undertake any other duties as may be requested by the principal investigator, provided that these are appropriate to the grade of the post.
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