The School of Mathematics at the University of Bristol invites applications for one or more Research Fellowships in Data Science, in association with the Heilbronn Institute for Mathematical Research (HIMR). Heilbronn Research Fellows divide their time equally between their own research and the classified research programme of the Heilbronn Institute.

The area of the Fellowships includes any foundational methodology supporting the exploitation of large-scale, dynamic, and/or complex data. Candidates must demonstrate prior evidence of relevant accomplishments and/or an outstanding research track-record in a mathematical discipline (including Mathematical Physics or Theoretical Computer Science) supported by clearly laid-out plans to transition into Data Science.

HIMR and the Alan Turing Institute have a partnership agreement which permits Heilbronn Research Fellows to carry out some of their personal research as part of the Turing Institute’s research programme. The University of Bristol is a partner of the Alan Turing Institute in its university network.

Due to the nature of the Heilbronn Institute’s work, Fellows are required to obtain and maintain a national security clearance. UK resident UK nationals will normally be able to meet this condition: other potential applicants should consult the Heilbronn Manager, himr-recruitment@bristol.ac.uk about eligibility before applying.

These positions are funded through the UKRI/EPSRC 'Additional Funding Programme for Mathematical Sciences'. For more information about the Heilbronn Institute, see https://heilbronn.ac.uk/

The salary range for this Fellowship is £39,745-£44,737 depending on previous experience. There is a salary supplement of £3.5K pa, in recognition of the distinctive nature of these Fellowships. Payment of this supplement is conditional on a PhD thesis having been accepted in final form. In addition, there is a fund of at least £2.5K pa towards research expenses.

The Fellowship will be for three years, with a preferred start date of 1 October 2023, though another date may be possible by prior agreement.

The School of Mathematics is a supporter of the LMS Good Practice Scheme aimed at advancing women’s careers in mathematics and we particularly welcome applications from women and other under-represented groups. For more information, please see https://heilbronn.ac.uk/diversity/

Candidates must apply via the online University of Bristol recruitment site, http://www.bristol.ac.uk/jobs/find/ and search by the job number or with the keyword Heilbronn Research Fellowship. Candidates need to include their CV and a statement of proposed research (no more than one side of A4) including, if appropriate, details of their plans to transition to Data Science. They should also ask three referees to email references to: himr-recruitment@bristol.ac.uk prior to
the closing date. It is the candidate’s responsibility to ensure that the reference letters are received prior to the closing date.

Informal enquiries about the research environment can be made to the Director of the Institute of Statistical Science, Professor Oliver Johnson, at O.Johnson@bristol.ac.uk

We anticipate holding interviews on Friday the 20th of January 2023.

The application deadline is 11.59pm GMT, Sunday November 13th 2022.