



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. Exceptionally, a successful candidate may be able to negotiate up to 80% of personal research time if working on a relevant topic. Broadly speaking, this would include any foundational methodology supporting the exploitation of large-scale, dynamic, and/or complex data. The candidate must demonstrate prior evidence of such accomplishments and/or an outstanding research track-record in a mathematical discipline (including Mathematical Physics or Theoretical Computer Science), with clearly laid-out plans to transition into Data Science.

HIMR and the [Alan Turing Institute](#) have a partnership agreement which enables Heilbronn Research Fellows to carry out some of their personal research as part of the Turing Institute's research programme, if they wish. 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 must apply for a national security clearance before appointment. UK resident UK nationals will normally be able to meet this condition: other potential applicants should consult the Heilbronn Manager (see below) about their eligibility before applying. Fellows may become a member of the USS pension scheme.

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

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 finished thesis having been accepted in final form. In addition, a fund of at least £2.5K to pay for research expenses will be available to each Fellow.

The Fellowship will be for three years, with a preferred start date of 1 October 2022, 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.

Candidates must apply via the online University of Bristol recruitment site, <http://www.bristol.ac.uk/jobs/find/> and search by the job number (ACAD105634) or with the keyword Heilbronn Research Fellowship. Candidates need to include a statement of proposed

research (no more than one side of A4), along with a CV. 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.

Candidates interested in learning more about these Fellowships can contact the Director of the Institute of Statistical Science, Professor Oliver Johnson, at O.Johnson@bristol.ac.uk

We anticipate holding interviews during the week of mid-January 2022.

The application deadline is 11.59pm GMT, Sunday November 14th 2021.