The Heilbronn Institute for Mathematical Research invites applications for Heilbronn Research Fellowships. Fellows divide their time equally between their own research and the classified research programme of the Heilbronn Institute, thus enjoying opportunities to engage in collaborative work as well as individual projects. Fellowships are available at any of our partner institutions: **University of Bristol**, **Imperial College London**, **King's College London**, **University College London**, **University of Manchester**.

We expect to make up to eight appointments at the University of Bristol, two at Imperial College London, three at Kings College London, two at University College London, and four at the University of Manchester.

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

Research areas of interest include, but are not restricted to, Algebra, Algebraic Geometry, Combinatorics, Computational Statistics, Data Science, Number Theory, Probability, and Quantum Information. These areas are interpreted broadly: Fellows have previously been appointed with backgrounds in most areas of Pure Mathematics and Statistics, and in several areas of Mathematical/Theoretical Physics.

Due to the nature of the Heilbronn Institute's work, Fellows will be 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.

The salary range for these Fellowships is £38,587-£43,434 (or local equivalent) depending on previous experience, plus the London weighting where appropriate. 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, a fund of at least £2.5K pa 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. Extensions of up to three years may be available, which can be held at a wider range of universities in the UK. For more information about the Heilbronn Institute and these Fellowships, see:

https://heilbronn.ac.uk/about/fellowships/

The Heilbronn Institute 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 this post. For more information, please see: **https://heilbronn.ac.uk/diversity/**

Applications will be made through mathjobs.org. Applicants will need to submit a cover letter, indicating the institutions where they wish to hold their Fellowship from the above list of partner

universities. In addition, we require a CV and a one-page statement of proposed research. Applicants must also arrange for three letters of reference to be uploaded to the mathjobs.org website, prior to the closing date.

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

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