



**Engineering and  
Physical Sciences  
Research Council**



## **Heilbronn Research Fellowship in Quantum Computing**

The Heilbronn Institute for Mathematical Research invites applications for a Research Fellowship in Quantum Computing in the School of Mathematics at the University of Bristol. The successful candidate must demonstrate prior evidence of relevant accomplishments, and/or an outstanding research track-record in a mathematical discipline (including Mathematical/Theoretical Physics or Theoretical Computer Science) with clearly laid-out plans to transition into Quantum Computing. Fellows divide their time equally between their own research and the internal research programme in Quantum Computing at the Heilbronn Institute, which offers opportunities to engage in collaborative work as well as individual projects.

Due to the nature of the Heilbronn Institute's work, Fellows are required to obtain and maintain a Developed Vetting (DV) 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](mailto:himr-recruitment@bristol.ac.uk) about eligibility before applying.

This post is 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 £38,017-£42,792 depending on previous experience. There is a salary supplement of £3.5K pa, in recognition of the distinctive nature of a Heilbronn Fellowship. 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.

The Fellowship will be for three years, with a preferred start date in October 2021, though another date may be possible by prior agreement. Extensions of up to three years may be available, which can be held at a wider range of universities in the UK.

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/>

Candidates should apply via the online University of Bristol recruitment site, <http://www.bristol.ac.uk/jobs/find/> and search by the job number [ACAD105160](#). Applications need to include a statement of proposed research (no more than one page), along with a CV. Candidates intending to transition to Quantum Computing should include in their statement an explanation of the route they propose to take. All applicants should ask three referees to email references to [himr-recruitment@bristol.ac.uk](mailto: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: Professor Ashley Montanaro: [ashley.montanaro@bristol.ac.uk](mailto:ashley.montanaro@bristol.ac.uk) or Professor Noah Linden: [n.linden@bristol.ac.uk](mailto:n.linden@bristol.ac.uk)

The application deadline is Monday May 3rd 2021., and we anticipate holding interviews on June 1st 2021.