



Engineering and
Physical Sciences
Research Council

Heilbronn Focused Research Grants

Call for proposals 2022

The Heilbronn Institute for Mathematical Research is offering a number of grants of up to £7.5K to fund focused research groups to work on adventurous and challenging mathematical problems, or to discuss important new developments in mathematics. Grants under this scheme will be funded either through the UKRI/EPSRC 'Additional Funding Programme for Mathematical Sciences' (part of the £300M government investment announced in 2020) or by the Heilbronn Institute directly.

These grants will support travel and local expenses for groups to come together to focus intensively on a problem or to discuss a significant new development in mathematics. We expect these groups to be normally 8 or fewer people. Groups are encouraged to include international participants but should also involve a substantial UK-based component.

Further Particulars

The primary focus of these grants is to facilitate research groups to work in a focused way on adventurous and challenging mathematical problems, or to discuss important new developments in mathematics.

Proposals will be judged principally on the importance and timeliness of the mathematics to be focused on, and on the track records of the senior members of the groups. Adventurous ideas are particularly encouraged.

Additional information:

- Proposals from these areas of research, interpreted broadly, will be given priority: Algebra, Algebraic Geometry, Combinatorics, Computational Statistics, Number Theory, Probability, and Quantum Information.
- We encourage proposals for groups that have a balance of overseas and UK participation, experienced and early career researchers (e.g. post-docs, postgraduate students), and that promote diversity and align with our [EDI policies](#).
- There should be a commitment from the group of their willingness to participate.
- Applicants are responsible for making all the arrangements for the event or activity funded by the award.
- Funded activities will usually take place at the applicant's institution, the Heilbronn Institute is not able to host events, collaborations or visitors.
- Academic and financial reports will be required after the event has taken place.
- Institutions will be reimbursed after the event has taken place and receipt of the above-mentioned reports.
- Activities, expenditure, and expense claims need to be completed **by the end of February 2023**.
- This Focused Research Grant call is in addition to our Small Grants Call ([further particulars](#))

How to apply:

Proposals of no more than one page of A4 to be received by **9am Thursday 27th January 2022** to: heilbronn-manager@bristol.ac.uk

Your proposal should include:

1. An explanation of the mathematics to be focused on and the expected outcomes.
2. For events, visitors and collaborations, the names of participants and their commitment to the programme, with an explanation of why the team is appropriate.
3. How much funding is requested from the Heilbronn Institute (up to £7.5K) with a clear outline budget and how will it be used.

The call will be live **from 1st November 2021 and will close 27th January 2022**, we expect to make decisions within two weeks of the closing date. You will be informed of the outcome of your application by email.

Contact details:

If you have any questions or queries regarding your proposal, either prior to submission or following, please send these to the Heilbronn Administrators, contact details below.

Eleanor Machin, Heilbronn Manager heilbronn-manager@bristol.ac.uk

Chloe Biddle, Heilbronn Senior Research Administrator heilbronn-administrator@bristol.ac.uk