



Prospects of formal mathematics

Organizers:

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Formal Mathematics, the program to formalize, check, and manage mathematical knowledge, statements and proofs with computer support, is about to reach a critical threshold where it can efficiently support mathematical research and teaching.

The goal of this program is to bring together experts of Formal Mathematics, exploit their interactions, foster future collaborations, and interface them better with the mathematical mainstream.

We will have the following main activities:**School:** Formal Mathematics

(May 13 – 17, 2024)

Workshop: Formalization of Mathematics

(June 17 – 21, 2024)

Workshop: Bridging between informal and formal

(July 8 – 12, 2024)

Workshop: Libraries of Digital Math

(July 29 – August 2, 2024)



Call for participation: The Hausdorff Research Institute offers visiting positions for the whole period of the trimester program (for senior scientists, postdocs and PhD students). The deadline for applications **October 31, 2023**.

Please send applications (including CV and, for postdocs and PhD students, a letter of recommendation) using our online application form at <https://www.him.uni-bonn.de/app-prospects>. In addition numerous fellowships for shorter periods are available.