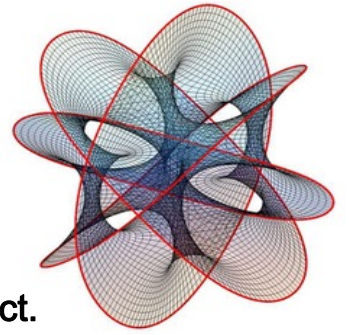## JTP: Algebraic geometry: derived categories, Hodge theory, and Chow groups

September 11 - December 20, 2023

HYPERK

Mentor: Daniel Huybrechts
The Junior Trimester Program will be organized in collaboration with the ERC Synergy Project.

We invite groups of early career researchers (Phd students, postdocs, junior faculty) to apply for the Junior Trimester Program. The participants will be supported by the HIM to organize various activities and are free to design a research environment that suits their research agenda best.

TP: Synergies between modern probability, geometric analysis and stochastic geometry
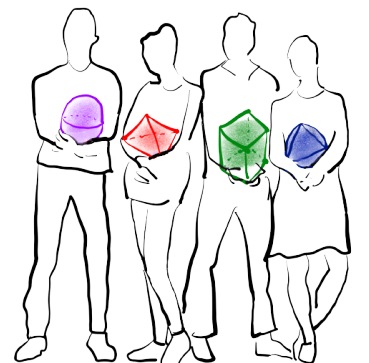
January 8 - April 19, 2024

Organizers:
Ronen Eldan, Assaf Naor, Kavita Ramanan, Matthias Reitzner, Christoph Thäle, Elisabeth M. Werner

School: Interaction between probability and geometry

Workshop: Asymptotics of (random) convex sets: fluctuations and large deviations

Workshop: High dimensional phenomena: geometric and probabilistic aspects

TP: Prospects of formal mathematics

May 6 - August 16, 2024

F0RM4L MATHEM4TICS

Organizers: Kevin Buzzard, Jacques Carette, Michael Kohlhase, Valeria de Paiva, Josef Urban

School: School on Formal Mathematics

Workshop: Formalizations in Modern Mathematics

Workshop: Bridging Between Informal and Formal Mathematics

Workshop: Libraries of Digitized Mathematics

Call for proposals