

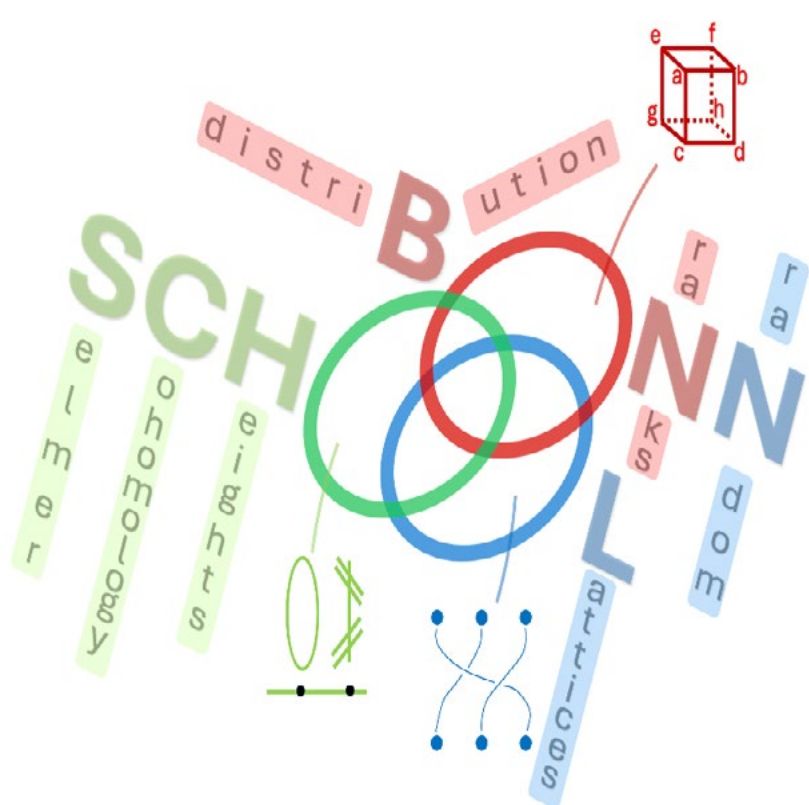
Arithmetic statistics of rational points on curves and their Jacobians

June 14 – June 18, 2027
Mathematics Center, Bonn

This school will encompass several recent outstanding results in understanding arithmetic statistics of rational points on families of curves, those of abelian varieties, and their algebraic ranks. These results utilize geometry of numbers, lattice point counting results, additive combinatorics, sieve methods, geometry of Hurwitz spaces, and random matrix models. The courses, given by leading researchers in the area, will aim to cover these techniques and their applications to this topic.

Speakers:

Fatemehzahra Janbazi (University of Bonn)
Peter Koymans (Utrecht University)
Jef Laga (University of Cambridge)
Aaron Landesman (Harvard University)
Alex Smith (Northwestern University)
Melanie Matchett Wood (Harvard University)



Special Topic School

Organizers:

Stevan Gajovic (UP Madrid)
Sun Woo Park (MPIM Bonn)

Call for participation:

Participation is free. If you are interested, please fill out the application form. For a limited number of participants financial support is available upon request.

