

Convex Geometry and its Applications

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Abstract

The geometry of convex domains in Euclidean space plays a central role in several branches of mathematics: functional and harmonic analysis, the theory of PDE, linear programming and, increasingly, in the study of algorithms in computer science. The purpose of this meeting is to bring together researchers from the analytic, geometric and probabilistic groups who have contributed to recent developments. While the meeting will continue a half-century tradition of Oberwolfach meetings with Convex Geometry in the title, there is a constant evolution of topics and people involved.

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