

Abstract

Oberwolfach Workshop:

Discrete Geometry

Dates:

21 Jan - 26 Jan 2024 (Code: 2404)

Organizers:

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Discrete Geometry deals with the structure and complexity of discrete geometric objects, from finite point sets in the plane to intersection patterns of convex sets in high dimensional spaces. It originates from classical problems such as Kepler's conjecture on the density of packings of balls in space, and Hilbert's third problem on decomposing polyhedra, Minkowski's geometry of numbers, the work of Steinitz, Hadwiger, Erdős and many more.