MIT
DEPARTMENT OF MATHEMATICS

SIMONS LECTURES IN MATHEMATICS 2026

BO'AZ KLARTAG
Weizmann Institute of Science

March 9-10-11
Lectures: 4:30 - 5:30 pm Rm. 2-190
Reception: 4 pm, Rm. 2-290

Geometry in High Dimensions: Convexity and Lattices

LECTURE 1
Lattice packing of spheres in high dimensions via a stochastically evolving ellipsoid

LECTURE 2
The resolution of Bourgain's slicing problem

LECTURE 3
The unreasonable effectiveness of the convexity assumption in high dimensions

RAYMOND GOLDSTEIN
University of Cambridge

April 27-28-29
Lectures: 4:30 - 5:30 pm Rm. 2-190
Reception: 4 pm, Rm. 2-290

Evolution of Biological Complexity

LECTURE 1
Stirring Tails of Evolution

LECTURE 2
The Geometry of Multicellular Life

LECTURE 3
Decision-Making Without a Brain