

Terence Tao

Department of Mathematics, UCLA

April 4 • 5 • 6

4:30–5:30pm

MIT Room 4–370

Reception at 4pm

The dichotomy between structure and randomness

Lecture 1 Structure and randomness
in Fourier analysis and number theory

Lecture 2 Structure and randomness
in ergodic theory and graph theory

Lecture 3 Structure and randomness
in PDE

David Donoho

Department of Statistics, Stanford University

April 9 • 10 • 11

4:30–5:30pm

MIT Room 4–370

Reception at 4pm

Lecture 1 Sparsity in statistics
and signal processing

Lecture 2 Neighborly
polytopes and the ℓ_1 -norm

Lecture 3 Spin glasses
and sparse modelling