

The UVA Department of Mathematics & The Institute of Mathematical Sciences

..... PRESENT .....

Virginia Mathematics Lectures

Charlottesville, Virginia

KAVITA RAMANAN

BROWN UNIVERSITY



## Tales of High-Dimensional Distributions

**LECTURE 1** Tails of Random Projections: Where Probability Meets Geometry

Monday, November 13, 2023 | 5-6pm | Wilson 402

**LECTURE 2** A Probabilistic Approach to the Geometry of  $p$ -Schatten Balls

Tuesday, November 14, 2023 | 5-6pm | Nau 101

**LECTURE 3** A Unimodular Sanov's Theorem and Interacting Particle Systems on Sparse Random Graphs

Wednesday, November 15, 2023 | 5-6pm | Wilson 402

**More Information:** [math.virginia.edu/ims/lectures](https://math.virginia.edu/ims/lectures)

Organizers - Tai Melcher and Andrei Rapinchuk

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