

Stanford

Tselil Schramm

Assistant Professor of Statistics

Bio

ACADEMIC APPOINTMENTS

- Assistant Professor, Statistics

Teaching

COURSES

2025-26

- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 60 (Spr)
- Theory of Statistics II: STATS 300B (Win)

2024-25

- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Spr)
- Machine Learning Theory: CS 229M, STATS 214 (Aut)
- Theory of Statistics II: STATS 300B (Win)

2023-24

- Machine Learning Theory: CS 229M, STATS 214 (Aut)
- Theory of Statistics II: STATS 300B (Win)

2022-23

- Introduction to Stochastic Processes I: STATS 217 (Win)
- Machine Learning Theory: CS 229M, STATS 214 (Aut)
- Theory of Probability: STATS 116 (Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Michael Howes, Joonhyuk Lee, Timothy Sudijono

Orals Chair

Guy Blanc

Doctoral Dissertation Advisor (AC)

Misha Ivkov

Orals Evaluator

Misha Ivkov

Doctoral Dissertation Co-Advisor (AC)

Spencer Compton, Aniket Das

Master's Program Advisor

Mia Garvey

Doctoral (Program)

Misha Ivkov, Eric Ma

Postdoctoral Research Mentor

Tushant Mittal

Publications

PUBLICATIONS

- **Semidefinite Programs Simulate Approximate Message Passing Robustly**
Ivkov, M., Schramm, T.
edited by Mohar, B., Shinkar, O'Donnell, R.
ASSOC COMPUTING MACHINERY.2024: 348-357
- **Local and Global Expansion in Random Geometric Graphs**
Liu, S., Mohanty, S., Schramm, T., Yang, E.
edited by Servedio, R. A., Saha, B.
ASSOC COMPUTING MACHINERY.2023: 817-825
- **COMPUTATIONAL BARRIERS TO ESTIMATION FROM LOW-DEGREE POLYNOMIALS** *ANNALS OF STATISTICS*
Schramm, T., Wein, A. S.
2022; 50 (3): 1833-1858
- **Testing Thresholds for High-Dimensional Sparse Random Geometric Graphs**
Liu, S., Mohanty, S., Schramm, T., Yang, E.
edited by Leonardi, S., Gupta, A.
ASSOC COMPUTING MACHINERY.2022: 672-677
- **Playing Unique Games on Certified Small-Set Expanders**
Bafna, M., Barak, B., Kothari, P. K., Schramm, T., Steurer, D.
edited by Khuller, S., Williams, V. V.
ASSOC COMPUTING MACHINERY.2021: 1629-1642