2022 Texas A&M REU Miniconference
July 18, Blocker 628

SCHEDULE

Time	Title	Speaker
9:00–9:25	Breakfast in Blocker 628	
9:30–9:46		Olivia Burke
9:46–10:02	Investigating Markov Duality Using Techniques from Probability and Algebra	Danyil Blyschak
10:02–10:18		Sasha Ustilovsky
10:18-10:34	Proving Markov Duality Algebraically	Dennis Li
10:45–11:17	Fast Computation of Generalized Dedekind Sums	Jessica Wang and Preston Tranbarger
11:17–11:33	Hecke operators on newform Dedekind sums and applications	Mitch Majure
11:33–12:05	Three Term Relations for Newform Dedekind Sums	Ariadne McClure and Kimberly Herrera
12:16–1:15	Lunch	
1:15–1:31	Efficient Point Counting on Curves: Methods and Applications	Garrett Credi
1:31–2:03	Binomials and Pseudo-Random Generators	Casmali Lopez and Paisios Woodcock
2:03–2:19	Approximating Discriminant Contours of Univariate Tetranomials	Ellen Chlachidze
2:19–2:35	Average Case Asymptotics of Polynomial Systems Supported on Tetrahedral Circuits	Zachary Nunez