Students Probability Day VI
May 11, 2017

PROGRAM		
9:00-9:30	Registration	
9:30-10:30	Opening Lecture: **Gideon Schechtman** (WIS): A quantitative version of the commutator theorem for zero trace matrices	
10:30 – 10:45	Coffee break	
10:45 – 11:30		
	Ofer Shwartz (WIS)	Martin Boundary – From random walks to topological Markov shifts.
	Idan Perl (BGU)	Harmonic function & polynomials on groups.
	Tslil Rotbart (TAU)	Garden Kinetics - First Passage Approach to Pollination Optimization.
11:45-12:30		
	Renan Gross (WIS)	Getting lost while hiking in the Boolean wilderness.
	Alexander Glazman (Tau)	Macroscopic loops in the critical loop O(n) model.
	PelegMichaeli (TAU)	Small subgraphs in the trace of a random walk.
12:30 – 14:00	Group photo Lunch break	
14:00-14:45		
	David Lipshutz (Technion)	Sensitivities of reflected diffusions.
	Raimundo Briceño (TAU)	Some results on entropy in Z^d shift spaces.
	Xiaolin Zeng (TAU)	Limit shape of random partitions.
14:45 – 15:00	Coffee break	
15:00-15:45		
	Asaf Katz (HUJI)	Sparse equidistribution in unipotent flows.
	Dan Mikulincer (WIS)	An Itô approach to the Central Limit Theorem and applications.
	Clara Shikhelman (TAU)	Many T-copies in H-free subgraphs of random graphs
16:00-16:45		
	Artemi Berlinkov (BIU)	Porosities of Mandelbrot percolation.
	Dominic Yeo (Technion)	Frozen percolation with k types.
	Roman Glebov (HUJI)	TBD