

Seminar “Approximation Algorithms for Stochastic Optimization”: Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
07:30					
08:00	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
08:30					
09:00	Welcome and Introduction	Nicole Megow. Query Minimization for Stochastic Selection Problems	Alessandro Agnetis. Job Sel. & Sched. on Unreliable Mach. & Other Stoch. Seq. Probl.	Thomas Kesselheim. Learning for Stochastic Optimization: Samples, Bandits, Contexts	Round-up Session, possibly short talks on progress
09:30			Benedikt Plank. Testing Whether a Partition Matroid has an Active Basis		
10:00	Sahil Singla. Towards Tackling Adaptivity and Correlations in Stochastic Optimization	Sorrachai Y. Approximating Optimal Binary Search Trees under Uncertainty	Jannik Matuschke. Decomposing Probability Marginals Beyond Affine Requirements	Rohan Ghuge. Semi-Bandit Learning for Monotone Stochastic Optimization	Coffee Break
10:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Collaboration Time
11:00	Anupam Gupta. Online Load Balancing with Samples	Nathaniel Grammel. Online and Stochastic Matching	Open Problem Session 2	Collaboration Time	
11:30	Rudy Zhou. Bayesian Probing on Graphs	C. Swamy. Approximation Algorithms for Correlated Knapsack Orienteering			
12:00					
12:30	Lunch	Lunch	Lunch	Lunch	Lunch
13:00					
13:30	Tonguç Ünlüyurt. A Review of the Sequential Testing Problem and its Extensions	Svenja Griesbach. Unifying Pathwise and Expanding Search	Free Afternoon / Hike	Guy Blanc. Subsampling Suffices for Adaptive Data Analysis	
14:00	Open Problem Session 1	Marc Uetz. Stochastic Scheduling of Bernoulli Jobs via Policy Stratification		Tom Lidbetter. Search games with predictions	
14:30		Collaboration Time		Teal Witter. Provably Accurate Shapley Val. Estimation via Leverage Score Sampling	
15:00	Cake	Cake	Cake	Cake	
15:30	Collaboration Time	Collaboration Time	Free Afternoon / Hike	Collaboration Time	
16:00					
16:30					
17:00					
17:30					
18:00					
18:30	Dinner	Dinner	Dinner	Dinner	