Monday, March 13th, 2023

09:00–09:50	The Organizers: Anna Gál, Meena Mahajan, Rahul Santhanam, Till Tantau
	Bidding Everyone Welcome and
	Building the Graph of Participants and Their Interests

09:50–10:20	Mika Göös	Till Tantau
	Top-Down Lower Bounds for Depth-Four Circuits	Chair
10:20–11:00	Coffee Break	
11:00–11:30	Shuichi Hirahara	
	Capturing one-way functions via NP-hardness of meta-complexity	
11:30–12:00	Igor Carboni Oliveira	
	Unprovability of strong complexity lower bounds in bounded arithmetic	

12:15	Lunch
15:30	Cake

16:00–16:40	Olaf Beyersdorff	Anna Gál
	Models of CDCL solving for quantified Boolean formulas	Chair
16:45–17:15	Ben Lee Volk	
	Extractors for Algebraic Sources	
17:30–17:50	Participants	
	Open Problems	

18:00	Dinner

Tuesday, March 14th, 2023

09:00–09:40	Amnon Ta-Shma Constant degree bipartite graphs with almost optimal combinatorial expansion	Meena Chair
09:45–10:15	Amit Chakrabarti How to color your adversary's graph (and connections with communication complexity)	
10:15–10:45	Coffee Break	
10:45–11:15	Michal Koucký Locally consistent decomposition of strings with applications to edit distance sketching	
11:20–11:50	Michael E. Saks Simple, fast, space-efficient and deterministic (but weak) approximation for Edit Distance and Dyck edit distance	
11:55–12:05	Manaswi Parashar Talk to Talk About	
12:15	Lunch	
14:00–15:30	Break-out Sessions	Till Chair
15:30–16:00	Quick Cake	
16:00–17:00	Break-out Sessions	
17:00–18:00	Break-out Sessions Presenting Findings	
18:00	Dinner	

Wednesday, March 15th, 2023

09:00–09:40	Gil Cohen Recent progress towards BPL vs. L	Rahul Santhanam Chair

09:45–10:15	Alexander S. Kulikov Polynomial formulations as a barrier for reduction-based hardness proofs
10:15–10:45	Coffee Break
10:45–11:15	Yuval Filmus HITTING and complexity measures
11:20–11:50	Jacobo Torán Width in Cutting Planes and the Weisfeiler-Leman dimension.
11:50–12:00	Sourav Chakraborty Talk to Talk About
12:05	Group Photo
12:15	Lunch
13:30	Hike (depending on weather)
18:00	Dinner

Thursday, March 16th, 2023

09:00–09:30	Swastik Kopparty	Michal Koucký
	The Elliptic Curve Fast Fourier Transform (ECFFT)	Chair
09:35–10:05	Johan Hastad	
	On small depths Frege proofs for PHP	
10:05–10:45	Coffee Break	
10:45–11:15	Avishay Tal	
	Fourier Growth of Query and Communication Models	
11:20–11:50	Sourav Chakraborty	
	Testing correctness of samplers using property testing: from theory to practice and back again	
11:55–12:05	Manaswi Parashar	
	Talk to Talk About	
12:15	Lunch	
15:30	Cake	
16:00–16:30	Susanna de Rezende	Jacobo Torán
	Coloring is hard on average for polynomial calculus	Chair
16:35–17:05	Sophie Laplante	
	Certificate Games	
17:30–17:50	Open Problems	
	Participants	
18:00	Dinner	
20:00	Music and Wine and Cheese	

Friday, March 17th, 2023

09:15–09:45	Robert Robere	Rahul Santhanam
	Colourful TFNP and Propositional Proofs	Chair
09:50–10:20	Rahul Ilango	
	The Complexity of Circuit Range Avoidance	
10:15–11:00	Coffee Break	
11:00–11:10	Till Tantau	
	Talk to Talk About	
11:15–11:35	Rüdiger Reischuk	
12:15	Lunch – Do not forget to pay before you leave!	