

Tentative schedule  
March 22 – March 26  
Times listed are Dagstuhl time (Central European Time)

Monday:  
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16:00 Introduction  
16:45 Sasha Golovnev: Circuit depth reductions  
17:10 Mika Goos: Unambiguous DNFs from Hex  
17:35 Sasha Kulikov: Complexity of linear operators  
18:00 break  
18:15 GUIDED TOUR of virtual Dagstuhl (gathertown)  
20:00 Wine and Cheese (gathertown)

Tuesday:  
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16:00 Sourav Chakraborty: Estimating Size of Union of Sets in Streaming Model  
16:20 Prahladh Harsha: Ideal-theoretic Explanation of Capacity-achieving codes  
16:40 Gillat Kol: Interactive Error Correcting Codes  
and the Magical Power of Adaptivity  
17:00 Michal Koucky: Network Coding Conjecture and Data Structure Lower Bounds  
17:20 Open problems/rump session  
18:00 LUNCH WITH RANDOM SEATING  
20:00 Wine and Cheese (gathertown)

Wednesday:  
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16:00 Anindya De: Quantitative correlation inequalities  
via semigroup interpolation  
16:20 Ben Lee Volk: A Lower Bound on Determinantal Complexity  
16:40 Subhangi Saraf: Reconstruction algorithms for low-rank tensors  
17:05 Arkadev Chattopadhyay: Lower bounds for monotone arithmetic circuits  
via communication complexity  
17:30 Amir Yehudayoff: Slicing the hypercube is not easy  
17:55 Group photo  
18:00 break  
18:15 VIRTUAL HIKE  
20:00 Wine and Cheese (gathertown)

Thursday:  
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16:00 Eric Allender: Cryptographic Hardness under Projections  
for Time-Bounded Kolmogorov Complexity  
16:20 Shuichi Hirahara: Average-Case Hardness of NP from Exponential  
Worst-Case Hardness Assumptions  
16:40 Robert Robere: Duality theorems for amortized circuit complexity  
17:00 Olaf Beyersdorff: Quantified Boolean formulas: proofs and solving  
17:20 Open problems/rump session  
18:00 break  
18:15 Coffee and Cake (gathertown)  
20:00 WINE PARTY (gathertown)

Friday:  
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16:00 Omri Weinstein: Toward Solving LPs in Matrix-Multiplication Time  
16:20 Max Bannach: Dynamic Kernels for Hitting Sets and Set Packing  
16:40 Yuval Filmus:  
17:00 Igor Oliveira: Majority vs. Approximate Linear Sum  
and Average-Case Complexity Below  $NC^1$   
  
17:20 tbd  
17:40 tbd  
18:00 break  
18:15 Coffee and Cake (gathertown)  
20:00 Wine and Cheese (gathertown)

(Events in capital letters are the optional "official" social events;  
the other "Coffee and Cake" and "Wine and Cheese" times are suggestions  
for when to meet in gathertown.)