Dagstuhl 13331 Schedule

Version from 08:45, Thursday

Monday

Chair: Thore Husfeldt

When	What
9.00- 9.45	Williams et al., The organisers explain ETH using somebody else's slides
9.45–10.30	Hans Bodlaender, Faster Algorithms on Tree Decompositions with Representative Sets
10.30–11.00	Coffee
11.00–11.45	Alexander S. Kulikov, Shortest superstring for short strings
11.45–12.15	Łukasz Kowalik, Fast Extraction and Listing of Witnesses Using a Decision Oracle
12.15–13.00	Lunch

When	What
15.30–16.00	Coffee
16.00–16.45	Magnus Wahlström, Abusing the Tutte matrix: A Polynomial Compression for the K-set-cycle Problem
16.45–17.45	Open problems
18.00	Dinnner

Tuesday

Session chair:

When	What
9.00- 9.45	Suguru Tamaki, A Satisfiability Algorithm and Average-Case Hardness for Formulas over the Full Binary Basis
9.45–10.30	Kazuhisa Seto, Solving Sparse Instances of Max SAT via Width Reduction and Greedy Restriction
10.30–11.00	Coffee
11.00–11.45	Stefan Schneider, A Satisfiability Algorithm for Sparse Depth Two Threshold Circuits
11.45–12.15	Jesper Nederlof, On Problems as Hard as CNFSAT
12.15-	Lunch

Session chair: Gregory Sorkin

When	What
15.30–16.00	Coffee break
16.00–16.45	Rahul Santhanam, New Algorithms for QBF Satisfiability, and Implications for Circuit Complexity
16.45–17.15	Timon Hertli, A Faster Algorithm For Unique 3-SAT
17.15–17.45	Open problems
18.00-	Dinner

Wednesday

Session chair: Fëdor Fomin

When	What
9.00–9.45	Daniel Lokshtanov, Efficient Computation of Representative Sets & Applications
9.45–10.15	Shachar Lovett, New advances on the log rank conjecture
10.15–10.30	Coffee
10.30–11.15	Andrew Drucker, Nondeterministic Direct Product Reductions and the Success Probability of SAT Solvers
11.15–12.00	David Steurer, Time vs Approximation Trade-offs and Strong Relaxations
12.05–12.10	Group photo outside the Schloss
12.15	Lunch

When	What
13.30	Bodlaender et al. leave on a several-hours-long hike
14.00	Cygan et al. leave on a 20 km easy run (3 hours?)
18.00	Ordinary dinner at Dagstuhl for those not going to Wadern
18.00	We leave for Dagstuhler Hof (21 minute walk)
18.30	Dinner at Dagstuhler Hof, Poststraße 2, Wadern

Thursday

Session chair: Dieter Kratsch

When	What
9.00–9.45	Dániel Marx, A subexponential parameterized algorithm for Subset TSP on planar graphs
9.45–10.15	Saket Saurabh, Better-than-trivial algorithm for multicut
10.15–10.30	Coffee
10.30–11.15	Virginia Vassilevska Williams, SETH and some natural problems in P
11.15–12.00	Pinar Heggernes, Enumeration in graph classes
12.15	Lunch

Session chair: Ryan Williams

When	What
15.00–15.30	Dieter Kratsch, The jump-number problem: exact and parameterized
15.30–16.00	Coffee
16.00–16.45	Stefan Kratsch, Some factorizations with applications
16.45–17.30	Petteri Kaski, Counting thin subgraphs via packings faster than meet-in-the-middle time
17.30–17.59	Open problem session
18.00	Dinner

Friday (preliminary)

When	What
9.00–9.45	Serge Gaspers, Separate, Measure, and Conquer
9.45-	Michael Elberfeld, Space in parameterized complexity
	Coffee
	Marek Cygan, tba
	Per Austrin, tba
12.15	Lunch