

Schedule  
Dagstuhl Seminar 2020  
**Scheduling**

**Monday**

09:00 – 09:45	Introduction round
09:45 – 10:15	<b>Neil Oliver:</b> Improved Approximation Algorithms for Inventory Problems
10:15 – 10:45	Coffee break
10:45 – 11:45	<b>Ben Moseley:</b> Combinatorial Optimization Augmented with Machine Learning
12:15 – 13:30	Lunch
13:30 – 15:30	Break
15:30 – 16:00	Coffee & Cake
16:15 – 16:45	<b>Laura Vargas Koch:</b> Nash flows over Time with Spillback and Kinematic Waves
16:45 – 17:15	<b>Antonios Antoniadis:</b> Min Energy Consumption on Multiple Machines with Sleep States
17:15 – 17:45	Spotlight talks: <b>Bertrand Simon, Rene Sitters, Andreas Wiese</b>
18:00 – 19:30	Dinner

**Tuesday**

09:00 – 10:00	<b>Eva Tardos:</b> Learning in Games and in Queueing Systems
10:00 – 10:30	Coffee break
10:30 – 11:00	<b>Kamesh Munagala:</b> Group Fairness in Network Design and Combinatorial Optimization
11:00 – 11:30	Spotlight talks: <b>Britta Peis, Sven Jäger, Marc Uetz</b>
11:30 – 12:00	<b>Open problems</b> & proposals for joint work at Dagstuhl
12:15 – 13:30	Lunch
13:30 – 15:30	Break
15:30 – 16:00	Coffee & Cake
16:15 – 16:45	<b>Rolf Möhring:</b> Online Scheduling of Bidirectional Traffic
16:45 – 17:15	<b>Sami Davies:</b> A Tale of Santa Claus, Hypergraphs and Matroids
17:15 – 17:45	<b>Yossi Azar:</b> Algorithmic Framework for Metric Optimization Problems with Delay or with Deadlines
17:50 – 19:30	Dinner
18:45	Bus leaves for winery!

## Wednesday

09:00 – 10:00	<b>Shuchi Chawla:</b> Mechanisms for resource allocation
10:00 – 10:30	Coffee
10:30 – 11:00	<b>Sébastien Martin:</b> Online Vehicle Routing
11:00 – 11:30	<b>Christian Coester:</b> The online k-taxi problem
11:30 – 12:00	Spotlight: <b>Jan Karel Lenstra + more open problems</b>
12:15 – 13:30	Lunch
meet 13:30	Hike tour – free afternoon
15:30 – 16:00	Coffee & Cake
18:00 – 19:30	Dinner

## Thursday

09:00 – 10:00	<b>Vera Traub:</b> Approximation algorithms for traveling salesman problems
10:00 – 10:30	Coffee break
10:30 – 11:00	<b>Seffi Naor:</b> Online Algorithms via Projections
11:00 – 11:30	<b>Kevin Schewior:</b> Sample-Based Prophet Inequalities
11:30 – 12:00	Spotlight talks: <b>Etienne Bamas, Jannik Matuschke, Leen Stougie</b>
12:15 – 13:30	Lunch
13:30 – 15:30	Break
15:30 – 16:00	Coffee & Cake
16:15 – 16:45	<b>Franziska Eberle:</b> Optimally Handling Commitment Issues in Online Throughput
16:45 – 17:15	<b>Viswanath Nagarajan:</b> Stochastic Makespan Minimization
17:15 – 17:45	<b>Cliff Stein:</b> Parallel Algorithms for Shortest Paths
18:00 – 19:30	Dinner

## Friday

09:00 – 09:30	<b>Max Klimm:</b> Equilibria in Atomic Splittable Congestion Games
09:30 – 10:00	<b>Tobias Harks:</b> Pricing in Resource Allocation Games Based on Duality Gaps
10:00 – 10:30	<b>Jose Verschae:</b> Primal-Dual Algorithm for Approximating Non-Linear Covering Problems
10:30 – 11:00	Coffee break
11:00 – 11:30	<b>Amit Kumar:</b> Non-Clairvoyant Precedence Constrained Scheduling
11:30 – 12:00	<b>Thomas Kesselheim:</b> Online Learning with Vector Costs and Bandits with Knapsacks
12:15 – 13:30	Lunch
End	