

Flexible Network Design

Tuesday, May 25

09:15 – 09:30	Welcome
09:30 – 10:00	Jochen Koenemann: Approximating Generalized Covering Integer Programs
10:00 – 10:30	Thomas Kesselheim: Distributed Contention Resolution in Wireless Networks
10:30 – 11:15	Coffee Break
11:15 – 12:00	Fabrizio Grandoni: An Improved LP-based Approximation for Steiner Trees
12:15	Lunch
16:00 – 16:30	Amit Kumar: Constant Factor Approximation for the Stochastic Steiner Forest Problem
16:30 – 17:00	Vincenzo Bonifaci: Efficiency of Restricted Tolls for Network Routing Games
17:15 – 17:45	Piotr Sankowski: Min st-Cut Oracle for Planar Graphs with Near-Linear Preprocessing Time

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Wednesday, May 26

09:15 – 10:15	Yishay Mansour: Regret Minimization and Job Scheduling
10:15 – 10:45	Martin Hoefer: Combinatorial Auctions for Secondary Spectrum Markets
10:45 – 11:15	Coffee Break
11:15 – 11:45	Sriram Pemmaraju: Domatic Partitions of Unit Disk Graphs
11:45 – 12:15	Dough Leith: Decentralised Graph Colouring of Wireless Networks
12:15	Lunch
15:45 – 16:45	Amos Fiat: Envy & The Other 7 Deadly Sins
16:45 – 17:15	Boaz Patt-Shamir: Online Set Packing
17:15 – 17:45	Friedhelm Meyer auf der Heide: Energy-efficient Local Strategies for Robotic Formations
18:00	Dinner
18:45	Excursion

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Thursday, May 27

09:15 – 10:15	Magnus Halldorsson: Survey about Wireless Models and Algorithms
10:15 – 10:45	Thomas Rothvoß: A PTAS for the Highway Problem
	Photo and Coffee Break
11:15 – 11:45	Markus Völker: Energy Efficient Scheduling
11:45 – 12:15	Matthias Englert: Economical Caching
12:15	Lunch
16:00 – 17:00	Mohit Singh: Iterative Rounding Relaxation
17:00 – 17:30	Heiko Röglin: Uncoordinated Two-Sided Matching Markets
17:30 – 18:00	Zeev Nutov: Covering Crossing Biset Families By Digraphs
18:00	Dinner

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Friday, May 28

09:00 – 09:50	Kamesh Mungala: Weakly Coupled Stochastic Decision Systems
09:50 – 10:20	Christian Scheideler: Jamming-Resistant Protocols for Wireless Networks
	Coffee Break
10:45 – 11:15	Harald Räcke: Oblivious Routing in the L_p -Norm
11:15 – 11:45	Sándor Fekete: Distributed Vision with Smart Pixels
11:45 – 12:15	Friedrich Eisenbrand: Abstractions of Polyhedral Graphs
12:15	Lunch
