

15th Days on Computational Game Theory

Thursday, March 6 (MindLabs, room MLZ 1.21-1.27)

Time	Activity
13.00	Registration
13.20	Opening remarks
13.30	<i>Georgios Amanatidis (invited talk)</i> Pushing the Frontier on Approximate EFX Allocations
14.15	Short break
14.25	<i>Yurong Chen</i> Are Bounded Contracts Learnable and Approximately Optimal? <i>Artur Dolgoplov</i> Algebraic Approach to Competitive Equilibria <i>Andries van Beek</i> Measuring Feature Importance in Machine Learning Using Cooperative Game Theory
15.15	(Catered) break
15.45	<i>Maximilian Stahlberg</i> Deterministic Impartial Selection with Weights <i>Golnoosh Shahkarami</i> Metric Distortion in Committee Selection <i>Javier Cembrano</i> New Combinatorial Insights for Monotone Apportionment <i>Michael Heinrich Baumann</i> Some Thoughts on Rabin Fairness
16.50	Break and group picture
17.20	<i>Torben Schürenberg</i> On the Price of Anarchy in Packet Routing Games with FIFO <i>Hannah Borgmann</i> Multi-objective Selfish Routing <i>Michael Markl</i> Stochastic Prediction Equilibrium for Dynamic Traffic Assignment <i>Julian Schwarz</i> Are System Optimal Dynamic Flows Implementable by Tolls?
18.25	End of program
18.45	Dinner at LOC Brewery (2-minute walk from MindLabs)

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Friday, March 7 (MindLabs, room MLZ 1.21-1.27)

Time	Activity
9.00	<i>Laura Vargas Koch (invited talk)</i> Mathematics in Traffic Modeling: Nash Flows over Time
9.45	Short break
9.55	<i>Martin Knaack</i> Generalized Assignment and Knapsack Problems in the Random-Order Model <i>Rebecca Reiffenhäuser</i> Secretary and Prophet Algorithms with Interdependent Values <i>Anna Heuser</i> Learning for Contextual Stochastic Optimization
10.45	(Catered) break
11.15	<i>Markus Utke</i> Truthful Budget Aggregation: Beyond Moving-Phantom Mechanisms <i>Sophie Klumper</i> : Smoothness Meets Autobidding: Tight Price of Anarchy Bounds for Simultaneous First-Price Auctions <i>Artem Tsikiris</i> : The Effectiveness of Golden Tickets and Wooden Spoons for Budget-Feasible Mechanisms <i>Simon Krogmann</i> The Impact of Localized Electricity Pricing on Consumer Battery Placement <i>Johannes Hahn</i> Discrete Single-Parameter Optimal Auction Design
12.35	Lunch
13.50	<i>Nicole Schröder</i> : Network Creation Games with 2-Neighborhood Maximization <i>Merlin de la Haye</i> : Comparison-Based Hedonic Games <i>Antoine Renard</i> : Automatic Proofs in Combinatorial Game Theory <i>Raimundo Saona</i> : POMDPs and Blind MDPs: (Dis)continuity of Values and Strategies <i>Sai Ganesh Nagarajan</i> : The Complexity of Two-Team Polymatrix Games with Independent Adversaries
15.10	Closing remarks
15.15	End of workshop