

**Monday, 2 Dec**

08:30 - 09:30	<i>Registration</i>	
09:30 - 10:30	<i>Tutorial 1 (G.07)</i>	<i>Tutorial 2 (G.03)</i>
	<u>Game-theoretic Aspects in Blockchain Environments</u> Aggelos Kiayias, Elias Koutsoupias, Evangelos Markakis	<u>Principal-Agent Decision-Making Processes: Modeling, Optimization, and Learning</u> Jiarui Gan, Jibang Wu, Haifeng Xu
10:30 - 11:00	<i>Coffee Break</i>	
11:00 - 12:00	<i>Tutorial 1 (G.07)</i>	<i>Tutorial 2 (G.03)</i>
12:00 - 13:30	<i>Lunch Break</i>	
13:30 - 14:30	<i>Tutorial 3 (G.07)</i>	<i>Tutorial 4 (G.03)</i>
	<u>Computation of Nash Equilibria: Recent Advances in Algorithms and Complexity</u> Argyrios Deligkas	<u>Information Elicitation Meets Large Language Models: Progress, Opportunities, and Challenge</u> Yuxuan Lu, Shengwei Xu
14:30 - 15:00	<i>Coffee Break</i>	
15:00 - 16:00	<i>Tutorial 3 (G.07)</i>	<i>Tutorial 4 (G.03)</i>
18:00 - 20:00	<i>Reception</i>	

**Tuesday, 3 Dec**

09:00 - 10:00	<b>Keynote (G.07)</b> <b>Mathematical Optimization in the Era of AI</b> Yinyu Ye Chair: Qi Qi	
10:00 - 10:30	<b>Coffee Break</b>	
	<b>Session 1A (G.07)</b> <b>Contracts, Conflicts and Trading</b> Chair: Jiarui Gan	<b>Session 1B (G.03)</b> <b>Matching</b> Chair: Martin Gairing
10:30 - 10:55	<u><b>Price of Non-discrimination in Public Combinatorial Contracts</b></u> Yiding Feng, Mengfan Ma, Mingyu Xiao	<u><b>Gradual Matching with Affirmative Action</b></u> Kriti Manocha, Bertan Turhan
10:55 - 11:20	<u><b>Generalized Principal-Agency: Contracts, Information, Games and Beyond</b></u> Jiarui Gan, Minbiao Han, Jibang Wu, Haifeng Xu	<u><b>Matching with Nested and Bundled Pandora Boxes</b></u> Robin Bowers, Bo Waggoner
11:20 - 11:45	<u><b>Interconnected Conflict</b></u> Marcin Konrad Dziubiński, Sanjeev Goyal, Junjie Zhou	<u><b>Online Matching Meets Sampling Without Replacement</b></u> Zhiyi Huang, Chui Shan Lee, Jianqiao Lu, Xinkai Shu
11:45 - 12:10	<u><b>Barter Exchange with Bounded Trading Cycles</b></u> Yuval Emek, Matan-El Shpiro	<u><b>Stochastic Online Metric Matching: Adversarial is no Harder than Stochastic</b></u> Amin Saberi, Mingwei Yang, Sophie H. Yu
12:10 - 13:30	<b>Lunch Break</b>	
	<b>Session 2A (G.07)</b> <b>Markets</b> Chair: Argyrios Deligkas	<b>Session 2B (G.03)</b> <b>Fairness</b> Chair: Mohamad Latifian
13:30 - 13:55	<u><b>Time-Efficient Algorithms for Nash-Bargaining-Based Matching Market Models</b></u> Ioannis Panageas, Thorben Tröbst, Vijay Vazirani	<u><b>Grace Period is All You Need: Individual Fairness without Revenue Loss in Revenue Management</b></u> Patrick Jaillet, Chara Podimata, Zijie Zhou
13:55 - 14:20	<u><b>Market Design for Capacity Sharing in Networks</b></u> Saurabh Amin, Patrick Jaillet, Hari Priya Pulyassary, Manxi Wu	<u><b>Proportionally Representative Clustering</b></u> Haris Aziz, Barton E. Lee, Sean Morota Chu, Jeremy Vollen

14:20 - 14:45	<b><u>Mechanism Design for Exchange Markets</u></b>  Yusen Zheng, Yukun Cheng, Chenyang Xu, Xiaotie Deng	<b><u>The Fairness of Maximum Nash Social Welfare Under Matroid Constraints and Beyond</u></b>  Yuanyuan Wang, Xin Chen, Qingqin Nong
14:45 - 15:10	<b><u>Information Acquisition in Fragmented Markets</u></b>  Xian Wu, Mengjia Xia	<b><u>Fair Interventions in Weighted Congestion Games</u></b>  Miriam Fischer, Martin Gairing, Dario Paccagnan
15:10 - 15:35	<b><u>Price Competition in Linear Fisher Markets: Stability, Equilibrium and Personalization</u></b>  Juncheng Li, Pingzhong Tang	<b><u>Fair and Almost Truthful Mechanisms for Additive Valuations and Beyond</u></b>  Biaoshuai Tao, Mingwei Yang
15:35 - 16:00	<b><i>Coffee Break</i></b>	
16:00 - 17:00	<b><i>Keynote (G.07)</i></b> <b><u>Compensate to not Deviate: the Power of Subsidized Equilibria</u></b> Vittorio Bilò Chair: Marios Mavronicolas	
17:00 - 17:30	<b><i>Best Paper Session (G.07)</i></b> <b><u>Aggregation of Antagonistic Contingent Preferences: When Is It Possible?</u></b> Xiaotie Deng, Biaoshuai Tao, Ying Wang Chair: Program Committee Chairs	
17:30 - 18:30	<b><i>Business Meeting (G.07)</i></b>	

Wednesday, 4 Dec

09:00 - 10:00	<b>Keynote (G.07)</b> <b><u>Strategic Design to Improve Information Integrity</u></b> Yiling Chen Chair: Grant Schoenebeck	
10:00 - 10:30	<b>Coffee Break</b>	
	<b>Session 3A (G.07)</b> <b>Mechanisms and Mechanism Design</b> Chair: Evangelos Markakis	<b>Session 3B (G.03)</b> <b>Resource Allocation</b> Chair: Alexandros Hollender
10:30 - 10:55	<b><u>An Algorithmic Theory of Simplicity in Mechanism Design</u></b>  Diodato Ferraioli, Carmine Ventre	<b><u>When Should you Offer an Upgrade: Online Upgrading Mechanisms for Resource Allocation</u></b> Patrick Jaillet, Chara Podimata, Andrew Vakhutinsky, Zijie Zhou
10:55 - 11:20	<b><u>Mechanism Design with Delegated Bidding</u></b> Gagan Aggarwal, Marios Mertzaniadis, Alexandros Psomas, Di Wang	<b><u>Best-of-Both-Worlds Fair Allocation of Indivisible and Mixed Goods</u></b> Xiaolin Bu, Zihao Li, Shengxin Liu, Xinhang Lu, Biaoshuai Tao
11:20 - 11:45	<b><u>Truthful Budget Aggregation: Beyond Moving-Phantom Mechanisms</u></b> Mark Berg, Rupert Freeman, Ulrike Schmidt-Kraepelin, Markus Utke	<b><u>Tree Splitting Based Rounding Scheme for Weighted Proportional Allocations with Subsidy</u></b>  Xiaowei Wu, Shengwei Zhou
11:45 - 12:10	<b><u>Proportional Dynamics in Linear Fisher Markets with Auto-bidding: Convergence, Incentives and Fairness</u></b>  Juncheng Li, Pingzhong Tang	<b><u>Almost Envy-free Allocation of Indivisible Goods: A Tale of Two Valuations</u></b>  Alireza Kaviani, Masoud Seddighin, Amir Mohammad Shahrezaei
12:10 - 13:30	<b>Lunch Break</b>	
	<b>Session 4A (G.07)</b> <b>Algorithms and Complexity</b> Chair: Rahul Savani	<b>Session 4B (G.03)</b> <b>Information, Persuasion, Knowledge and Prediction</b> Chair: Yukun Cheung
13:30 - 13:55	<b><u>A Computer-aided Approach for Approximate Nash Equilibria</u></b>  Xiaotie Deng, Dongchen Li, Hanyu Li	<b><u>Strategic Facility Location via Predictions</u></b>  Qingyun Chen, Nick Gravin, Sungjin Im
13:55 - 14:20	<b><u>The Complexity of Symmetric Bimatrix Games with Common Payoffs</u></b>  Abheek Ghosh, Alexandros Hollender	<b><u>Ex-post Individually Rational Bayesian Persuasion</u></b>  Jiahao Zhang, Shuran Zheng, Renato Paes Leme, Steven Wu

14:20 - 14:45	<b><u>Logarithmic Comparison-Based Query Complexity for Fair Division of Indivisible Goods</u></b> Xiaolin Bu, Zihao Li, Shengxin Liu, Jiabin Song, Biaoshuai Tao	<b><u>Optimal Scoring Rule Design under Partial Knowledge</u></b> Yiling Chen, Fang-Yi Yu
14:45 - 15:10	<b><u>Infrequent Resolving Algorithm for Online Linear Programming</u></b> Guokai Li, Zizhuo Wang, Jingwei Zhang	<b><u>When does additional information lead to longer travel time in multi-origin-destination networks?</u></b> Xujin Chen, Xiao-Dong Hu, Xinqi Jing, Zhongzheng Tang
15:10 - 15:40	<b><i>Coffee Break</i></b>	
	<b><i>Session 5A (G.07)</i></b> <b><i>Social Choice</i></b> Chair: Aris Filos-Ratsikas	<b><i>Session 5B (G.03)</i></b> <b><i>Optimization</i></b> Chair: Johannes Brustle
15:40 - 16:05	<b><u>Beyond the worst case: Distortion in impartial culture electorates</u></b> Ioannis Caragiannis, Karl Fehrs	<b><u>Optimism in the Face of Ambiguity Principle for Multi-Armed Bandits</u></b> Mengmeng Li, Daniel Kuhn, Bahar Taskesen
16:05 - 16:30	<b><u>Fair Ordering in Replicated Systems via Streaming Social Choice</u></b> Geoffrey Ramseyer, Ashish Goel	<b><u>Packing a Knapsack with Items Owned by Strategic Agents</u></b> Javier Cembrano, Max Klimm, Martin Knaack
16:30 - 16:55	<b><u>An impossibility result for strongly group-strategyproof multi-winner approval-based voting</u></b> Ioannis Caragiannis, Rob LeGrand, Evangelos Markakis, Emmanouil Pountourakis	<b><u>LP-based Control for Network Revenue Management under Markovian Demands</u></b> Haixiang Lan, Guillermo Gallego, Zizhuo Wang, Yinyu Ye
16:55 - 17:20	<b><u>Computing Most Equitable Voting Rules</u></b> Lirong Xia	<b><u>Pandora's Box Problem Over Time</u></b> Georgios Amanatidis, Federico Fusco, Rebecca Reiffenhäuser, Artem Tsikiris
18:30 - 21:30	<b><i>Conference Dinner</i></b>	

Thursday, 5 Dec

09:00 -	<b>Keynote (G.07)</b> <b>Multi-Agent Combinatorial Contracts</b> Paul Duetting Chair: Aris Filos-Ratsikas	
10:00 -	<b>Coffee Break</b>	
	<b>Session 6A (G.07)</b> <b>Dynamics in Games and Contests</b> Chair: Yiannis Giannakopoulos	<b>Session 6B (G.03)</b> <b>Social Networks and Recommendation Platforms</b> Chair: Biaoshuai Tao
10:30 -	<b>Data-Scarce Identification of Game Dynamics via Sum-of-Squares Optimization</b> Iosif Sakos, Antonios Varvitsiotis, Georgios Piliouras	<b>Continuous Social Networks</b> Julián Chitiva, Xavier Venel
10:55 -	<b>Continuous-Time Best-Response and Related Dynamics in Tullock Contests with Convex Costs</b> Edith Elkind, Abheek Ghosh, Paul W. Goldberg	<b>Enabling Asymptotic Truth Learning in a Social Network</b> Kevin Lu, Jordan Chong, Matt Lu, Jie Gao
11:20 -	<b>Convergence to Equilibrium of No-regret Dynamics in Congestion Games</b> Volkan Cevher, Wei Chen, Leello Dadi, Jing Dong, Ioannis Panageas, Stratis Skoulakis, Luca Viano, Baoxiang Wang	<b>Simultaneous vs Sequential: Optimal Assortment Recommendation in Multi-Store Retailing</b> Xiao Chen, Yan Liu, Yicheng Liu, Zizhuo Wang
11:45 -	<b>When to Push Ads: Optimal Mobile Ad Campaign Strategy under Markov Customer Dynamics</b> Guokai Li, Pin Gao, Zizhuo Wang	<b>Churning While Experimenting: Maximizing User Engagement in Recommendation Platforms</b> Michael L Hamilton, Raghav Singal
12:10 -	<b>Lunch Break</b>	
	<b>Session 7A (G.07)</b> <b>Auctions, Pricing and Selling</b> Chair: Carmine Ventre	<b>Session 7B (G.03)</b> <b>Chores and Potpourri</b> Chair: Xiaowei Wu
13:30 -	<b>Repeated Bidding with Dynamic Value</b> Benjamin Heymann, Alexandre Gilotte, Rémi Chan-Renous	<b>A Fair Allocation is Approximately Optimal for Indivisible Chores, or Is It?</b> Bo Li, Ankang Sun, Shiji Xing
13:55 -	<b>Auctioning with Strategically Reticent Bidders</b> Jibang Wu, Ashwinkumar Badanidiyuru, Haifeng Xu	<b>Computing Competitive Equilibrium for Chores: Linear Convergence and Lightweight Iteration</b> He Chen, Chonghe Jiang, Anthony Man-Cho So

14:20 - 14:45	<b>Regulating Discriminatory Pricing in the Presence of Tacit Collusion</b> Zongsen Yang, Xiao Lei, Pin Gao	<b>How much should you pay for restaking security?</b> Tarun Chitra, Mallesh Pai
14:45 - 15:10	<b>Robust Optimal Selling Mechanism under Non-linear Utility</b> Pin Gao, Yicheng Liu, Shixin Wang, Zhen Wang, Zizhuo Wang	<b>Edge Arrival Online Matching: The Power of Free Disposal on Acyclic Graphs</b> Tianle Jiang, Yuhao Zhang
15:10 - 15:40	<i>Coffee Break</i>	
	<b>Session 8A (G.07)</b> <b>Online Selection</b> Chair: Yiding Feng	<b>Session 8B (G.03)</b> <b>Applications</b> Chair: Vittorio Bilò
15:40 - 16:05	<b>Static Pricing for Online Selection Problem and its Variants</b> Bo Sun, Hossein Nekouyan Jazi, Xiaoqi Tan, Raouf Boutaba	<b>How to Implement Soft Reserves in India: A Market Design Approach with Historical Perspective</b> Bertan Turhan, Orhan Aygun
16:05 - 16:30	<b>Optimal Guarantees for Online Selection Over Time</b> Sebastian Perez-Salazar, Victor Verdugo	<b>The Impact of Generative Artificial Intelligence on Market Equilibrium: Evidence from a Natural Experiment</b> Kaichen Zhang, Zixuan Yuan, Hui Xiong
16:30 - 16:55	<b>Impartial Selection Under Combinatorial Constraints</b> Javier Cembrano, Max Klimm, Arturo Merino	<b>Informational Size in School Choice</b> Di Feng, Yun Liu
16:55 - 17:20	<b>Splitting Guarantees for Prophet Inequalities via Nonlinear Systems</b> Johannes Brustle, Sebastian Perez-Salazar, Victor Verdugo	