

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>
	<b>Game-theoretic Aspects in Blockchain Environments</b> Aggelos Kiayias, Elias Koutsoupias, Evangelos Markakis	<b>Principal-Agent Decision-Making Processes: Modeling, Optimization, and Learning</b> 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>
	<b>Computation of Nash Equilibria: Recent Advances in Algorithms and Complexity</b> Argyrios Deligkas	<b>Information Elicitation Meets Large Language Models: Progress, Opportunities, and Challenge</b> 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	<i>Keynote</i> <b>Mathematical Optimization in the Era of AI</b> Yinyu Ye	
10:00 - 10:30	<i>Coffee Break</i>	
	<b>Session 1A: Contracts, Conflicts and Trading (Location TBD)</b>	<b>Session 1B: Matching (Location TBD)</b>
10:30 - 10:55	<b>Price of Non-discrimination in Public Combinatorial Contracts</b> Yiding Feng, Mengfan Ma, Mingyu Xiao	<b>Gradual Matching with Affirmative Action</b> Kriti Manocha, Bertan Turhan
10:55 - 11:20	<b>Generalized Principal-Agency: Contracts, Information, Games and Beyond</b> Jiarui Gan, Minbiao Han, Jibang Wu, Haifeng Xu	<b>Matching with Nested and Bundled Pandora Boxes</b> Robin Bowers, Bo Waggoner
11:20 - 11:45	<b>Interconnected Conflict</b> Marcin Konrad Dziubiński, Sanjeev Goyal, Junjie Zhou	<b>Online Matching Meets Sampling Without Replacement</b> Zhiyi Huang, Chui Shan Lee, Jianqiao Lu, Xinkai Shu
11:45 - 12:10	<b>Barter Exchange with Bounded Trading Cycles</b> Yuval Emek, Matan-El Shpiro	<b>Stochastic Online Metric Matching: Adversarial is no Harder than Stochastic</b> Amin Saberi, Mingwei Yang, Sophie H. Yu
12:10 - 13:30	<i>Lunch Break</i>	
	<b>Session 2A: Markets (Location TBD)</b>	<b>Session 2B: Fairness (Location TBD)</b>
13:30 - 13:55	<b>Time-Efficient Algorithms for Nash-Bargaining-Based Matching Market Models</b> Ioannis Panageas, Thorben Tröbst, Vijay Vazirani	<b>Grace Period is All You Need: Individual Fairness without Revenue Loss in Revenue Management</b> Patrick Jaillet, Chara Podimata, Zijie Zhou
13:55 - 14:20	<b>Market Design for Capacity Sharing in Networks</b> Saurabh Amin, Patrick Jaillet, Haripriya Pulyassary, Manxi Wu	<b>Proportionally Representative Clustering</b> Jeremy Vollen, Haris Aziz, Barton E. Lee, Shosuke Xiang You Morota Chu
14:20 - 14:45	<b>Mechanism Design for Exchange Markets</b> Yusen Zheng, Yukun Cheng, Chenyang Xu, Xiaotie Deng	<b>The Fairness of Maximum Nash Social Welfare Under Matroid Constraints and Beyond</b> Yuanyuan Wang, Xin Chen, Qingqin Nong
14:45 - 15:10	<b>Price Competition in Linear Fisher Markets: Stability, Equilibrium and Personalization</b> Juncheng Li, Pingzhong Tang	<b>Fair Interventions in Weighted Congestion Games</b> Miriam Fischer, Martin Gairing, Dario Paccagnan

15:10-15:35	<b>Information Acquisition in Fragmented Markets</b> Xian Wu, Mengjia Xia	<b>Fair and Almost Truthful Mechanisms for Additive Valuations and Beyond</b> Biaoshuai Tao, Mingwei Yang
15:35-16:00	<b>Coffee Break</b>	
16:00-17:00	<b>Keynote</b> <b>Compensate to not Deviate: the Power of Subsidized Equilibria</b> Vittorio Bilò	
17:00-17:30	<b>Best Paper Session (Location TBD)</b> <b>Aggregation of Antagonistic Contingent Preferences: When Is It Possible?</b> Xiaotie Deng, Biaoshuai Tao, Ying Wang	
17:30-18:30	<b>Business Meeting (Location TBD)</b>	

Wednesday, 4 Dec

09:00-10:00	<b>Keynote</b> <b>Strategic Design to Improve Information Integrity</b> Yiling Chen	
10:00-10:30	<b>Coffee Break</b>	
	<b>Session 3A: Mechanisms and Mechanism Design (Location TBD)</b>	<b>Session 3B: Resource Allocation (Location TBD)</b>
10:30-10:55	<b>An Algorithmic Theory of Simplicity in Mechanism Design</b> Diodato Ferraioli, Carmine Ventre	<b>Almost Envy-free Allocation of Indivisible Goods: A Tale of Two Valuations</b> Alireza Kaviani, Masoud Seddighin, Amir Mohammad Shahrezaei
10:55-11:20	<b>Mechanism Design with Delegated Bidding</b> Gagan Aggarwal, Marios Mertzaniadis, Alexandros Psomas, Di Wang	<b>Best-of-Both-Worlds Fair Allocation of Indivisible and Mixed Goods</b> Xiaolin Bu, Zihao Li, Shengxin Liu, Xinhang Lu, Biaoshuai Tao
11:20-11:45	<b>Truthful Budget Aggregation: Beyond Moving-Phantom Mechanisms</b> Mark Berg, Rupert Freeman, Ulrike Schmidt-Kraepelin, Markus Utke	<b>Tree Splitting Based Rounding Scheme for Weighted Proportional Allocations with Subsidy</b> Xiaowei Wu, Shengwei Zhou
11:45-12:10	<b>Proportional Dynamics in Linear Fisher Markets with Auto-bidding: Convergence, Incentives and Fairness</b> Juncheng Li, Pingzhong Tang	<b>When Should you Offer an Upgrade: Online Upgrading Mechanisms for Resource Allocation</b> Patrick Jaillet, Chara Podimata, Andrew Vakhutinsky, Zijie Zhou
12:10-13:30	<b>Lunch Break</b>	
	<b>Session 4A: Algorithms and Complexity (Location TBD)</b>	<b>Session 4B: Information, Persuasion, Knowledge and Prediction (Location TBD)</b>
13:30-13:55	<b>A Computer-aided Approach for Approximate Nash Equilibria</b> Xiaotie Deng, Dongchen Li, Hanyu Li	<b>When does additional information lead to longer travel time in multi-origin-destination networks?</b> Xujin Chen, Xiao-Dong Hu, Xinqi Jing, Zhongzheng Tang
13:55-14:20	<b>The Complexity of Symmetric Bimatrix Games with Common Payoffs</b> Abheek Ghosh, Alexandros Hollender	<b>Ex-post Individually Rational Bayesian Persuasion</b> Jiahao Zhang, Shuran Zheng, Renato Paes Leme, Steven Wu
14:20-14:45	<b>Logarithmic Comparison-Based Query Complexity for Fair Division of Indivisible Goods</b> Xiaolin Bu, Zihao Li, Shengxin Liu, Jiabin Song, Biaoshuai Tao	<b>Optimal Scoring Rule Design under Partial Knowledge</b> Yiling Chen, Fang-Yi Yu
14:45-15:10	<b>Infrequent Resolving Algorithm for Online Linear Programming</b> Guokai Li, Zizhuo Wang, Jingwei Zhang	<b>Strategic Facility Location via Predictions</b> Qingyun Chen, Nick Gravin, Sungjin Im
15:10-15:40	<b>Coffee Break</b>	
	<b>Session 5A: Social Choice (Location TBD)</b>	<b>Session 5B: Optimization</b>
15:40-16:05	<b>Beyond the worst case: Distortion in impartial culture electorates</b> Ioannis Caragiannis, Karl Fehrs	<b>Optimism in the Face of Ambiguity Principle for Multi-Armed Bandits</b> Mengmeng Li, Daniel Kuhn, Bahar Taskesen
16:05-16:30	<b>Fair Ordering in Replicated Systems via Streaming Social Choice</b> Geoffrey Ramseyer, Ashish Goel	<b>Packing a Knapsack with Items Owned by Strategic Agents</b> Javier Cembrano, Max Klimm, Martin Knaack

16:30-16:55	<b>An impossibility result for strongly group-strategyproof multi-winner approval-based voting</b> Ioannis Caragiannis, Rob LeGrand, Evangelos Markakis, Emmanouil Pountourakis	<b>LP-based Control for Network Revenue Management under Markovian Demands</b> Haixiang Lan, Guillermo Gallego, Zizhuo Wang, Yinyu Ye
16:55-17:20	<b>Computing Most Equitable Voting Rules</b> Lirong Xia	<b>Pandora's Box Problem Over Time</b> Georgios Amanatidis, Federico Fusco, Rebecca Reiffenhäuser, Artem Tsikiris
18:30-21:30	<b>Conference Dinner</b>	

Thursday, 5 Dec

09:00-10:00	<b>Keynote</b> <b>Multi-Agent Combinatorial Contracts</b> Paul Duetting	
10:00-10:30	<b>Coffee Break</b>	
	<b>Session 6A: Dynamics in Games and Contests (Location TBD)</b>	<b>Session 6B: Social Networks and Recommendation Platforms (Location TBD)</b>
10:30-10:55	<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
10:55-11:20	<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
11:20-11:45	<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
11:45-12:10	<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
12:10-13:30	<b>Lunch Break</b>	
	<b>Session 7A: Auctions, Pricing and Selling (Location TBD)</b>	<b>Session 7B: Chores and Potpourri (Location TBD)</b>
13:30-13:55	<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
13:55-14:20	<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	<b>Coffee Break</b>	
	<b>Session 8A: Online Selection (Location TBD)</b>	<b>Session 8B: Applications (Location TBD)</b>
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 Aygün
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	<p><b>Impartial Selection Under Combinatorial Constraints</b></p> <p>Javier Cembrano, Max Klimm, Arturo Merino</p>	<p><b>Informational Size in School Choice</b></p> <p>Di Feng, Yun Liu</p>
16:55- 17:20	<p><b>Splitting Guarantees for Prophet Inequalities via Nonlinear Systems</b></p> <p>Johannes Brustle, Sebastian Perez-Salazar, Victor Verdugo</p>	