

EC 2013 Combined Schedule

Please note items are ordered according to start times.

Sunday, June 16	
8:00-9:00	Registration and Breakfast: Levine Lobby
9:00-11:30	Tutorial on Social Computing and User-Generated Content Yiling Chen and Arpita Ghosh Room: Heilmeier Hall, 100 Towne Bldg.
9:00- 15:00	Workshop: The Economics of Privacy Aaron Roth and Katrina Ligett Room: Wu and Chen Auditorium, 100 Levine Hall
10:00-10:20	Coffee Break: Levine Lobby
11:30- 18:00	3rd Workshop on Social and User-Generated Content Yiling Chen and Arpita Ghosh Room: Heilmeier Hall, 100 Towne Bldg.
12:30-14:00	Lunch: Levine Lobby and Mezzanine
14:00-17:30	Tutorial: Prior Robust Optimization Nikhil Devanur and Balasubramanian Sivan Room: Berger Auditorium, Skirkanich Hall
15:10-15:30	Afternoon Break: Levine Lobby
Monday, June 17	
8:00-9:00	Registration and Breakfast: Levine Lobby
8:30-17:30	Workshop: The 9th Ad Auctions Workshop Michal Feldman, Ashish Goel, Ian Kash, Neel Sundaresan Room: Heilmeier Hall, 100 Towne Bldg.
9:00-12:30	Tutorial: Econometrics Bow Cowgill and Randall Lewis Room: Wu and Chen Auditorium, 100 Levine
9:00-12:30	Tutorial: Market Design I Utku Unver Room: Berger Auditorium, Skirkanich Hall
10:00-10:20	Coffee Break: Levine Lobby
12:30-14:00	Lunch: Levine Lobby and Mezzanine
14:00-17:30	Tutorial: Market Design II Tayfun Sonmez Room: Berger Auditorium, Skirkanich Hall
14:00-17:30	Workshop: Online Behavior Experiments Winter Mason, Dan Goldstein, Siddharth Suri Room: Wu and Chen Auditorium, 100 Levine Hall
15:10-15:30	Afternoon Break: Levine Lobby
18:00-20:00	Reception: Levine Hall and Quain Courtyard

Tuesday June 18

8:00-9:00 Registration and Breakfast: Levine Lobby

Keynote Talk 1

Chair: Eva Tardos

9:00-10:00 Cascading Behavior in Social and Economic Networks
Jon Kleinberg

Room: Heilmeier Hall, 100 Towne Bldg.

10:00-10:20 Coffee Break: Levine Lobby

Session 2a: Mechanism Design I

Chair: Costis Daskalakis

Prior-Independent Auctions for Risk-Averse Agents,

Hu Fu, Jason Hartline, Darrell Hoy

Prior-free Auctions for Budgeted Agents,

Nikhil R Devanur, Bach Ha, Jason Hartline

On the Ratio of Revenue to Welfare in Single-Parameter Mechanism
Design, Robert Kleinberg, Yang Yuan

Room: Wu & Chen Auditorium, 100 Levine Hall

10:20-11:20

Session 2b: Prediction Markets

Chair: David Pennock

Cost Function Market Makers for Measurable Spaces,

Yiling Chen, Michael Ruberry, Jennifer Wortman Vaughan

What You Jointly Know Determines How You Act --- Strategic

Interactions in Prediction Markets, Xi Alice Gao, Jie Zhang, Yiling
Chen

An Axiomatic Characterization of Adaptive-Liquidity Market Makers,
Xiaolong Li, Jennifer Wortman Vaughan

Room: Berger Auditorium, Skirkanich Hall

11:40-12:40	<p>Session 3a: Multidimensional Mechanism Design Chair: Michal Feldman Multi-parameter Mechanisms with Implicit Payment Computation, Moshe Babaioff, Robert Kleinberg, Aleksandrs Slivkins Optimal Auctions via the Multiplicative Weight Method, Anand Bhalgat, Sreenivas Gollapudi, Kamesh Munagala The Menu-Size Complexity of Auctions, Sergiu Hart, Noam Nisan Room: Wu & Chen Auditorium, 100 Levine Hall</p> <p>Session 3b: Ad Auctions I Chair: Sébastien Lahaie Real-time Optimization of Personalized Assortments, Negin Golrezaei, Hamid Nazerzadeh, Paat Rusmevichientong A Dynamic Axiomatic Approach to First-Price Auctions, Darrell Hoy, Kamal Jain, Chris Wilkens Competition Among Asymmetric Sellers With Fixed Supply, Uriel Feige, Ron Lavi, Moshe Tennenholtz Room: Berger Auditorium, Skirkanich Hall</p>
12:30-14:00	Lunch: Levine Lobby and Mezzanine
14:10-15:30	<p>Session 4: Online Auctions Chair: Ron Lavi Ranking and Tradeoffs in Sponsored Search Auctions, Ben Roberts, Dinan Gunawardena, Ian Kash, Peter Key Whole-page Optimization and Submodular Welfare Maximization with Online Bidders, Nikhil R Devanur, Nitish Korula, Zhiyi Huang, Vahab Mirrokni, Qiqi Yan Peaches, Lemons, and Cookies: Designing Auction Markets with Dispersed Information, Ittai Abraham, Susan Athey, Moshe Babaioff, Michael Grubb Auctions for Online Display Advertising Exchanges: Approximations and Design, Santiago R. Balseiro, Omar Besbes, Gabriel Y. Weintraub Room: Heilmeier Hall, 100 Towne Bldg.</p>
15:30-15:50	Afternoon Break: Levine Lobby

<p>15:50-16:50</p>	<p>Session 5a: Mechanism Design II Chair: Jason Hartline Cost-Recovering Bayesian Algorithmic Mechanism Design, Hu Fu, Brendan Lucier, Balasubramanian Sivan, Vasilis Syrgkanis Near-Optimal Multi-Unit Auctions with Ordered Bidders, Sayan Bhattacharya, Elias Koutsoupias, Janardhan Kulkarni, Stefano Leonardi, Tim Roughgarden, Xiaoming Xu Truthfulness and Stochastic Dominance with Monetary Transfers, Martin Hoefer, Thomas Kesselheim, Berthold Voecking Room: Wu & Chen Auditorium, 100 Levine Hall</p> <p>Session 5b: Price of Anarchy and Incentives Chair: Nikhil R. Devanur Risk Sensitivity of Price of Anarchy under Uncertainty, Georgios Piliouras, Evdokia Nikolova, Jeff S. Shamma Improved Bounds on the Price of Stability in Network Cost Sharing Games, Euiwoong Lee, Katrina Ligett Sincere and Sophisticated Players in the Envy-free Allocation Problem Rodrigo Velez Room: Berger Auditorium, Skirkanich Hall</p>
<p>16:55-18:15</p>	<p>Session 6: Estimation and Forecasting Chair: Michael Wellman Primary-Market Auctions for Event Tickets: Eliminating the Rents of "Bob the Broker", Eric Budish, Aditya Bhave Measuring the Performance of Large-Scale Combinatorial Auctions: A Structural Estimation Approach, Sang Won Kim, Marcelo Olivares Gabriel Weintraub When Do Noisy Votes Reveal the Truth? Ioannis Caragiannis Ariel Procaccia, Nisarg Shah A Combinatorial Prediction Market for the U.S. Elections, Miroslav Dudik, Sébastien Lahaie, David Pennock, David Rothschild Room: Heilmeier Hall, 100 Towne Bldg</p>
<p>18:15-19:00</p>	<p>Business Meeting: Wu & Chen Auditorium</p>
<p>19:00-20:00</p>	<p>Poster Session: Levine Lobby and Mezzanine</p>

Wednesday June 19	
8:00-9:00	Registration and Breakfast: Levine Lobby
9:00-10:00	<p>Session 7: Mechanism Design III Chair: Moshe Babaioff Mechanism Design via Optimal Transport, Costis Daskalakis, Alan Deckelbaum, Christos Tzamos Optimal and Near-Optimal Mechanism Design with Interdependent Values, Tim Roughgarden, Inbal Talgam-Cohen Truthful Mechanisms for Agents that Value Privacy, Yiling Chen, Stephen Chong, Ian Kash, Tal Moran, Salil Vadhan Room: Heilmeier Hall, 100 Towne Bldg.</p>
10:00-10:20	Coffee Break: Levine Lobby
10:20-11:20	<p>Session 8a: Mechanism Design IV Chair: Robert Kleinberg Differential Pricing with Inequity Aversion in Social Networks, Noga Alon, Yishay Mansour, Moshe Tennenholtz Approximation in Mechanism Design with Interdependent Values, Yunan Li Accounting for Price Dependencies in Simultaneous Sealed-Bid Auctions, Brandon Mayer, Eric Sodomka, Amy Greenwald, Michael Wellman Room: Wu & Chen Auditorium, 100 Levine Hall</p> <p>Session 8b: Kidney Exchange Chair: Aaron Roth Failure-Aware Kidney Exchange, John Dickerson, Ariel Procaccia, Tuomas Sandholm Harnessing the Power of Two Crossmatches, Avrim Blum, Anupam Gupta, Ariel Procaccia, Ankit Sharma Kidney Exchange in Dynamic Sparse Heterogenous Pools, Itai Ashlagi, Patrick Jaillet, Vahideh Manshadi Room: Berger Auditorium, Skirkanich Hall</p>

<p>11:20-12:40</p>	<p>Session 9a: Mechanism Design without Money I Chair: Ariel Procaccia Strategyproof Facility Location for Concave Cost Functions, Dimitris Fotakis, Christos Tzamos Strategyproof Facility Location and the Least Squares Objective, Yoav Wilf, Michal Feldman Loss Calibrated Methods for Bipartite Rationing, Herve Moulin, Jay Sethuraman Room: Wu & Chen Auditorium, 100 Levine Hall</p> <p>Session 9b: Public Goods and Networks Chair: Arpita Ghosh A Network Approach to Public Goods, Matt Elliott, Ben Golub Empirical Agent Based Models of Cooperation in Public Goods Games, Michael Wunder, Siddharth Suri, Duncan Watts Pricing Public Goods for Private Sale, Michal Feldman, David Kempe, Brendan Lucier, Renato Paes Leme Room: Berger Auditorium, Skirkanich Hall</p>
<p>12:40-14:00</p>	<p>Lunch: Levine Lobby and Mezzanine</p>
<p>14:00-15:20</p>	<p>Session 10a: Social Networks Chair: Jeff MacKie Mason Complex Contagion and the Weakness of Long Ties in Social Networks: Revisited, Roozbeh Ebrahimi, Golnaz Ghasemiesfeh, Jie Gao Selection and Influence in Cultural Dynamics, David Kempe, Jon Kleinberg, Sigal Oren, Aleksandrs Slivkins Incentives, Gamification, and Game Theory: An Economic Approach to Badge Design, David Easley, Arpita Ghosh A Markov Chain Approximation to Choice Modeling, Jose Blanchet, Guillermo Gallego, Vineet Goyal Room: Wu & Chen Auditorium, 100 Levine Hall</p> <p>Session 10b: Complexity and Learning Chair: Yishay Mansour Best-Response Dynamics Out of Sync, Roe Engelberg, Alex Fabrikant, Michael Schapira, David Wajc The Empirical Implications of Rank in Bimatrix Games, Siddharth Barman, Umang Bhaskar, Federico Echenique, Adam Wierman Learning Equilibria of Games via Payoff Queries, Rahul Savani, John Fearnley, Martin Gairing, Paul Goldberg Super-Efficient Rational Proofs, Pablo Azar, Silvio Micali Room: Berger Auditorium, Skirkanich Hall</p>
<p>15:20-15:50</p>	<p>Coffee Break: Levine Lobby</p>

Session 11: Networks

Chair: Jon Kleinberg

15:50-16:50

Selection Effects in Online Sharing: Consequences for Peer

Adoption, Sean J Taylor, Eytan Bakshy, Sinan Aral

Bertrand Networks, Moshe Babaioff, Brendan Lucier, Noam Nisan

Potential Games are Necessary to Ensure Pure Nash Equilibria in

Cost Sharing Games, Ragavendran Gopalakrishnan, Jason

Marden, Adam Wierman

Room: Heilmeier Hall, 100 Towne Bldg

Conference Dinner

17:30-22:00

Buses at the Sheraton take guests to the

Philadelphia Museum of Art for a short tour and then

Conference Dinner at Water Works 640 Waterworks Drive

<http://www.thewaterworksrestaurant.com/>

Buses arrive to take guests back.

Thursday June 20	
8:00-9:00	Registration and Breakfast: Levine Lobby
9:00-10:00	<p>Keynote Talk II Chair: Preston McAfee</p> <p>Kidney Exchange: Where We've Been and Where We Can Go From Here, Alvin E. Roth</p> <p>Room: Heilmeier Hall, 100 Towne Bldg.</p>
10:00-10:20	Coffee Break: Levine Lobby
10:20-11:20	<p>Session 13: Mechanism Design without Money II Chair: Mallesh Pai</p> <p>Unbalanced Random Matching Markets, Itai Ashlagi, Yashodhan Kanoria, Jacob Leshno</p> <p>Existence of Stable Matchings in Large Markets with Complementarities, Eduardo Azevedo, John Hatfield</p> <p>Mechanism Design for Fair Division, Richard Cole, Vasilis Gkatzelis, Gagan Goel</p> <p>Room: Heilmeier Hall, 100 Towne Bldg.</p>
11:40-12:40	<p>Session 14a: Ad Auctions II Chair: Noam Nisan</p> <p>Budget Smoothing for Internet Ad Auctions: A Game Theoretic Approach, Denis Charles, Deeparnab Chakrabarty, Max Chickering, Nikhil R Devanur, Lei Wang</p> <p>Auctions with Unique Equilibria, Shuchi Chawla, Jason Hartline</p> <p>Revenue Optimization in the Generalized Second-Price Auction, David Thompson, Kevin Leyton-Brown</p> <p>Room: Wu & Chen Auditorium, 100 Levine Hall</p> <p>Session 14b: Matching Chair: Itai Ashlagi</p> <p>Designing for Diversity in Matching, Scott D Kominers, Tayfun Sonmez</p> <p>Two-Sided Matching with Partial Information, Baharak Rastegari, Anne Condon, Nicole Immorlica, Kevin Leyton-Brown</p> <p>House Allocation with Indifferences: A Generalization and a Unified View, Daniela Saban, Jay Sethuraman</p> <p>Room: Berger Auditorium, Skirkanich Hall</p>
12:40-14:00	Lunch: Levine Lobby and Mezzanine

Session 15a: Crowd Sourcing in networks

Chair: Jenn Wortman Vaughan

Sybil-proof Mechanisms in Query Incentive Networks,
Wei Chen, Wang Yajun, Dongxiao Yu, Li Zhang

On Discrete Preferences and Coordination,

Flavio Chierichetti, Jon Kleinberg, Sigal Oren

Incentivizing Participation in Online Forums for Education,

Arpita Ghosh, Jon Kleinberg

Privacy and Coordination: Computing on Databases with

Endogenous Participation, Arpita Ghosh, Katrina Ligett

Room: Wu & Chen Auditorium, 100 Levine Hall

14:10-15:30

Session 15b: Online experience

Chair: Siddharth Suri

Pick Your Poison: Pricing and Inventories at Unlicensed Online
Pharmacies, Nektarios Leontiadis, Tyler Moore, Nicolas
Christin

Down-to-the-Minute Effects of Super Bowl Advertising on Online
Search Behavior, Randall A Lewis, David Reiley

Optimizing Password Composition Policies,

Jeremiah M Blocki, Saranga Komanduri, Ariel Procaccia, Or Sheffet

Latency Arbitrage, Market Fragmentation, and Efficiency: A Two-
Market Model, Elaine Wah, Michael Wellman

Room: Berger Auditorium, Skirkanich Hall

15:20-15:50 Coffee Break: Levine Lobby

Session 16: Information and Networks

Chair: Nicole Immorlica

15:50-16:50 Robust Incentives for Information Acquisition, Gabriel Carroll
Social Learning and Aggregate Network Uncertainty, Ilan Lobel,
Evan Sadler

Implementing the "Wisdom of the Crowd", Ilan Kremer, Yishay
Mansour, Motty Perry

Room: Heilmeier Hall, 100 Towne Bldg.