

ACM CONFERENCE ON ELECTRONIC COMMERCE
July 8-12, 2008 | CHICAGO, ILLINOIS

Wednesday July 9, 2008

5:00-8:00 **Welcome Reception, Room 440**

Thursday July 10, 2008

8:00 - 8:30 Registration and Breakfast

8:30 - 8:45 Welcome Remarks, Room 147

Session 1 "Sponsored Search", chair Ilya Segal, Room 147

Natural Language Generation for Sponsored Search Advertisements
Kevin Bartz, Cory Barr, Adil Aijaz

8:45 - 10:00

Optimizing Query Rewrites for Keyword-Based Advertising
Azarakhsh Malekian, Chi-Chao Chang, Ravi Kumar, Grant Wang

Optimal Bidding in Stochastic Budget Constrained Slot Auctions
Kartik Hosanagar, Vadim Cherepanov

10:00 - 10:25 Coffee Break, Foyer (Room 112)

Session 2 "Characterizing incentive compatibility", chair Kartik Hosanagar, Room 147

Truthful germs are contagious: a local-to-global characterization of truthfulness
Aaron Archer, Robert Kleinberg

10:25 - 12:05

Mechanism Design Over Discrete Domains
Michael Schapira, Ahuva Mualem

On Characterizations of Truthful Mechanisms for Combinatorial Auctions and Scheduling
Shahar Dobzinski, Mukund Sundararajan

Monotonicity and Implementability
Dov Monderer

12:05 - 1:30 Lunch Break, Room 540

Session 3 "Pricing", chair Sebastien Lahaie, Room 147

Posted prices vs. negotiations: an asymptotic analysis
Liad Blumrosen, Thomas Holenstein

1:30 - 2:45

Item Pricing for Revenue Maximization
Maria-Florina Balcan, Avrim Blum, Yishay Mansour

Optimal Envy-Free Pricing with Metric Substitutability
Ning Chen, Arpita Ghosh, Sergei Vassilvitskii

2:45 - 3:15	Coffee Break, Foyer (Room 112)
	Session 4 "Communication complexity in mechanisms", chair Boi Faltings, Room 147
	Tight Information-Theoretic Lower Bounds for Welfare Maximization in Combinatorial Auctions Vahab Mirrokni, Michael Schapira, Jan Vondrak
3:15 - 4:55	On the Communication Requirements of Verifying the VCG Outcome Sebastien Lahaie, David Parkes
	Informational Overhead of Incentive Compatibility Moshe Babaioff, Liad Blumrosen, Moni Naor, Michael Schapira
	Information Revelation and Random Entry in Sequential Ascending Auctions Maher Said
7:00 - 9:00	Banquet: Google Office, 20 W. Kinzie St, Chicago, IL 60614
Friday July 11, 2008	
8:00 - 8:30	Registration and Breakfast
8:30 - 9:30	INVITED TALK: Lars Leckie, Humboldt Winblad Venture Partners, Room 147
9:30 - 10:00	Coffee Break, Foyer (Room 112)
	Session 5 "Eliciting the truth and worrying about lying", chair Moshe Babaioff, Room 147
	A Sufficient Condition for Voting Rules to Be Frequently Manipulable Lirong Xia, Vincent Conitzer
	Generalized Scoring Rules and the Frequency of Coalitional Manipulability Lirong Xia, Vincent Conitzer
10:00 - 12:05	Incentives for Truthful Opinions in Online Polls Radu Jurca, Boi Faltings
	Elicitability Nicolas Lambert, David Pennock, Yoav Shoham
	The Complexity of Forecast Testing Lance Fortnow, Rakesh Vohra
12:05 - 1:30	Lunch Break, Room 540
	Session 6 "Networks", chair Edith Elkind, Room 147
1:30 - 2:45	Altruism, Selfishness, and Spite in Traffic Routing Po-An Chen, David Kempe

Behavioral Experiments in Networked Trade

Michael Kearns, Stephen Judd

Security and insurance management in networks with heterogeneous agents

Jens Grossklags, Nicolas Christin, John Chuang

2:45 - 3:15

Coffee Break, Foyer (Room 112)

Session 7 "Prediction Markets", Vincent Conitzer, Room 147

Self-Financed Wagering Mechanisms for Forecasting

Nicolas Lambert, John Langford, Jennifer Wortman,
Yiling Chen, Daniel Reeves, Yoav Shoham, David Pennock

Permutation Betting Markets: Singleton Betting with Extra Information

Vahab Mirrokni, Mohammad Ghodsi, Hamid Mahini, Morteza Zadimoghaddam

3:15 - 5:20

Complexity of Combinatorial Market Makers

Yiling Chen, Lance Fortnow, Nicolas Lambert, David Pennock, Jennifer Wortman

Non-myopic Strategies in Prediction Markets

Stanko Dimitrov, Rahul Sami

Fault Tolerance in Large Games

Ronen Gradwohl, Omer Reingold

5:30 - 6:00

Business Meeting, Room 147

Saturday July 12, 2008

8:00 - 8:30

Registration and Breakfast

8:30 - 9:30

INVITED TALK: *Spectrum Auction Design*, Peter Cramton, U. of Maryland, Room 147

9:30 - 10:00

Coffee Break, Foyer (Room 112)

Session 8 "Economic redistribution, interfaces, and crowdsourcing", chair David Pennock, 147

Better Redistribution Mechanisms Through Inefficient Allocation

Mingyu Guo, Vincent Conitzer

Efficiency and Redistribution in Dynamic Mechanism Design

Ruggiero Cavallo

10:00 - 12:05

A Visual Interface for Critiquing-based Recommender Systems

Jiyong Zhang, Nicolas Jones, Pearl Pu

Popularity, Novelty and Attention

Fang Wu, Bernardo Huberman

Crowdsourcing and Knowledge Sharing: Strategic User Behavior

Jiang Yang, Lada Adamic, Mark Ackerman

12:05 - 1:30 Lunch Break, Room 540

Session 9 "Convergence to, and robustness of, solutions", chair William Walsh, Room 147

Uncoordinated Two-Sided Markets

Heiner Ackermann, Paul Goldberg, Vahab Mirrokni, Heiko Roeglin, Berthold Voecking

1:30 - 2:20

Fast Convergence to Nearly Optimal Solutions in Potential Games

Amir Epstein, Baruch Awerbuch, Yossi Azar, Vahab Mirrokni, Alexander Skopalik

2:20 - 2:45 Coffee Break, Foyer (Room 112)

Session 10 "Social networks and peer production", chair Rica Gonen, Room 147

Strong regularities in online peer production

Wilkinson Dennis

On the Windfall of Friendship: Inoculation Strategies on Social Networks

Dominic Meier, Yvonne-Anne Oswald, Stefan Schmid, Roger Wattenhofer

2:45 - 4:25

Strategic Network Formation with Structural Holes

Jon Kleinberg, Siddharth Suri, Eva Tardos, Tom Wexler

Predicting Trusts among Users of Online Communities -- an Epinions Case Study

Haifeng Liu, Ee-Peng Lim, Hady W. Lauw, Minh-Tam Le, Aixin Sun, Jaideep Srivastava, Young Ae Kim

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