

Day	Date	Event	ID	Time	Title	Authors
Friday	18-Jan	Registration		4:00 PM - 6:00 PM		
Saturday	19-Jan	Registration		7:30 AM - 7:00 PM		
		ALENEX and ANALCO Workshops		8:30 AM - 6:30 PM		
		ACM-SIAM SODA Welcome Reception		6:30 PM - 8:30 PM		
Sunday	20-Jan	Registration		8:00 AM - 4:45 PM		
		Continental Breakfast		8:30 AM		
		Concurrent Sessions 9:00 AM - 11:05 AM	1A	9:00 AM	Fast Dimension Reduction Using Rademacher Series on Dual BCH Codes	Nir Ailon, Institute for Advanced Study; Edo Liberty, Yale University
				9:25 AM	Estimators and Tail Bounds for Dimension Reduction in $\ell_{\alpha}$ $(0 < \alpha \leq 2)$ Using Stable Random Projections	Ping Li, Cornell University
				9:50 AM	A Deterministic Sub-linear Time Sparse Fourier Algorithm via Non-adaptive Compressed Sensing Methods	M. A. Iwen, University of Michigan, Ann Arbor
				10:15 AM	Explicit Constructions for Compressed Sensing of Sparse Signals	Piotr Indyk, Massachusetts Institute of Technology
				10:40 AM	Improved Distance Sensitivity Oracles Via Random Sampling	Aaron Bernstein and David Karger, Massachusetts Institute of Technology
				9:00 AM	Strongly Polynomial and Fully Combinatorial Algorithms for Bisubmodular Function Minimization	S. Thomas McCormick, University of British Columbia, Canada; Satoru Fujishige, Kyoto University, Japan
		Concurrent Sessions 9:00 AM - 11:05 AM	1B	9:25 AM	Holographic Algorithms With Unsymmetric Signatures	Jin-Yi Cai, University of Wisconsin-Madison; Pinyan Lu, Tsinghua University, China
				9:50 AM	The UGC Hardness Threshold of the $L_p$ Grothendieck Problem	Guy Kindler, Weizmann Institute, Israel; Assaf Naor, Courant Institute; Gideon Schechtman, Weizmann Institute, Israel
				10:15 AM	Succinct Approximate Convex Pareto Curves	Ilias Diakonikolas and Mihalis Yannakakis, Columbia University
				10:40 AM	Efficient Reductions Among Lattice Problems	Daniele Micciancio, University of California at San Diego
				9:00 AM	Delaunay Graphs of Point Sets in the Plane with Respect to Axis-parallel Rectangles	Xiaomin Chen, Google; János Pach, CUNY and Courant Institute of Mathematical Sciences, New York University; Mario Szegedy, Rutgers University; Gábor Tardos, Simon Fraser University, Canada

		Concurrent Sessions 9:00 AM - 11:05 AM	1C	9:25 AM	Greedy Drawings of Triangulations	Raghavan Dhandapani, Courant Institute, New York University
				9:50 AM	Maintaining Deforming Surface Meshes	Siu-Wing Cheng, HKUST, Hong Kong; Tamal K. Dey, Ohio State University
				10:15 AM	Exact and Efficient 2D-Arrangements of Arbitrary Algebraic Curves	Arno Eigenwillig and Michael Kerber, Max-Planck-Institut für Informatik, Saarbrücken
				10:40 AM	On Properties of Random Dissections and Triangulations	Nicla Bernasconi, Konstantinos Panagiotou and Angelika Steger, ETH Zurich, Switzerland
		Coffee Break		11:05 AM - 11:30 AM		
		Invited Plenary Session Luncheon	2	11:30 AM - 12:30 PM	Graph Algorithms for Biological Systems Analysis	Bonnie Berger and Rohit Singh, Massachusetts Institute of Technology; Jinbo Xu, Toyota Technological Institute
				12:30 PM - 2:00 PM		
		Concurrent Sessions 2:00 PM - 4:05 PM	3A	2:00 PM	Adaptive Local Ratio	Julián Mestre, Max-Planck-Institute für Informatik, Saarbrücken, Germany
				2:25 PM	Two-phase Greedy Algorithms for Some Classes of Combinatorial Linear Programs	Ulrich Faigle, Zentrum für Angewandte Informatik Köln, Germany; Britta Peis, Universität Dortmund, Germany
				2:50 PM	Analysis of Greedy Approximations with Nonsubmodular Potential Functions	Ding-Zhu Du, University of Texas at Dallas; Ronald L. Graham, University of California at San Diego; Panos M. Pardalos, University of Florida; Peng-Jun Wan, Illinois Institute of Technology; Weili Wu, University of Texas at Dallas; Wenbo Zhao, University of California at San Diego
				3:15 PM	Yet Another Algorithm for Dense Max Cut: Go Greedy	Claire Mathieu and Warren Schudy, Brown University
				3:40 PM	Computing Large Matchings Fast	Ignaz Rutter, Universität Karlsruhe, Germany; Alexander Wolff, Technische Universität Eindhoven, The Netherlands
			3B	2:00 PM	A Fractional Model for the Border Gateway Protocol (BGP)	P.E. Haxell, University of Waterloo, Canada; and G.T. Wilfong, Bell Laboratories

		Concurrent Sessions 2:00 PM - 4:05 PM		2:25 PM	Minimizing Average Latency in Oblivious Routing	Prahladh Harsha and Thomas P. Hayes, Toyota Technological Institute; Hariharan Narayanan, University of Chicago; Harald Räcke, University of Warwick, UK; Jaikumar Radhakrishnan, Tata Institute of Fundamental Research, Mumbai, India
				2:50 PM	Distributed Broadcast in Unknown Radio Networks	Gianluca De Marco, Università di Salerno, Italy
				3:15 PM	The Power of Memory in Randomized Broadcasting	Robert Elsässer, University of Paderborn, Germany; Thomas Sauerwald, Paderborn Institute for Scientific Computation, Germany
				3:40 PM	Competitive Queue Management for Latency Sensitive Packets	Amos Fiat, Yishay Mansour and Uri Nadav, Tel-Aviv University, Israel
		Concurrent Sessions 2:00 PM - 4:05 PM	3C	2:00 PM	Rapid Mixing of Gibbs Sampling on Graphs that are Sparse on Average	Elchanan Mossel and Allan Sly, University of California at Berkeley
				2:25 PM	Product Growth and Mixing in Finite Groups	László Babai, University of Chicago; Nikolay Nikolov, Imperial College London, UK; László Pyber, Rényi Mathematical Institute, Budapest, Hungary
				2:50 PM	Concatenated Codes Can Achieve List-Decoding Capacity	Venkatesan Guruswami, University of Washington; Atri Rudra, State University of New York, Buffalo
				3:15 PM	Noisy Sorting Without Resampling	Mark Braverman, University of Toronto, Canada; Elchanan Mossel, University of California at Berkeley
				3:40 PM	Algorithms for the Coalitional Manipulation Problem	Michael Zuckerman, Ariel D. Procaccia and Jeffrey S. Rosenschein, The Hebrew University of Jerusalem, Israel
		Coffee Break		4:05 PM - 4:30 PM		
		Concurrent Sessions 4:30 PM - 6:35 PM	4A	4:30 PM	On Allocations that Maximize Fairness	Uriel Feige, Weizmann Institute, Israel
				4:55 PM	On the Value of Coordination in Network Design	Susanne Albers, University of Freiburg, Germany
				5:20 PM	Auctions for Structured Procurement	Matthew C. Cary, Google, Inc.; Abraham D. Flaxman, Microsoft Research; Jason D. Hartline, Northwestern University; Anna R. Karlin, University of Washington

		4:30 PM - 6:35 PM		5:45 PM	Fast Load Balancing via Bounded Best Response	Baruch Awerbuch, Johns Hopkins University; Yossi Azar, Microsoft Research and Tel-Aviv University, Israel; Rohit Khandekar, IBM T.J. Watson Research Center
				6:10 PM	(Almost) Optimal Coordination Mechanisms for Unrelated Machine Scheduling	Yossi Azar, Microsoft Research and Tel-Aviv University, Israel; Kamal Jain and Vahab Mirrokni, Microsoft Research
		Concurrent Sessions 4:30 PM - 6:35 PM	4B	4:30 PM	Ultra-Low-Dimensional Embeddings for Doubling Metrics	T-H. Hubert Chan and Anupam Gupta, Carnegie Mellon University; Kunal Talwar, Microsoft Research
				4:55 PM	Earth Mover Distance over High Dimensional Spaces	Alexandr Andoni and Piotr Indyk, Massachusetts Institute of Technology; Robert Krauthgamer, Weizmann Institute, Israel and IBM Almaden
				5:20 PM	Almost Euclidean Subspaces of $\ell_1^N$ via Expander Codes	Venkatesan Guruswami, University of Washington and Institute for Advanced Study; James R. Lee, University of Washington; Alexander Razborov, Institute for Advanced Study and Steklov Mathematical Institute, Russia
				5:45 PM	Embedding Metric Spaces in their Intrinsic Dimension	Ittai Abraham, Hebrew University, Israel; Yair Bartal, Hebrew University, Israel and Caltech; Ofer Neiman, Hebrew University, Israel
				6:10 PM	Optimal Universal Graphs with Deterministic Embedding	Noga Alon, Tel Aviv University, Israel and Institute for Advanced Study; Michael Capalbo, Rutgers University
						4:30 PM
		Concurrent Sessions 4:30 PM - 6:35 PM	4C	4:55 PM	Trace Reconstruction with Constant Deletion Probability and Related Results	Thomas Holenstein, Microsoft Research; Michael Mitzenmacher, Harvard School of Engineering and Applied Sciences; Rina Panigrahy and Udi Wieder, Microsoft Research
				5:20 PM	Improved String Reconstruction Over Insertion-deletion Channels	Krishnamurthy Viswanathan and Ram Swaminathan, Hewlett-Packard Labs

					5:45 PM	Dimension Augmentation and Combinatorial Criteria for Efficient Error-resistant DNA Self-Assembly	Ho-lin Chen, Ashish Goel and Chris Luhrs, Stanford University
					6:10 PM	Approximating General Metric Distances Between a Pattern and a Text	Ely Porat, Bar-Ilan University, Israel; Klim Efremenko, Bar-Ilan University, Israel and Weizmann Institute, Israel
<b>Monday</b>	<b>21-Jan</b>	<b>Registration</b>		<b>8:00 AM - 4:45 PM</b>			
		<b>Continental Breakfast</b>		<b>8:30 AM</b>			
		Concurrent Sessions 9:00 AM - 11:05 AM	5A		9:00 AM	A Near-Linear Time Algorithm for Computing Replacement Paths in Planar Directed Graphs	Yuval Emek, David Peleg and Liam Roditty, The Weizmann Institute of Science, Israel
					9:25 AM	Bounded-Leg Distance and Reachability Oracles	Ran Duan and Seth Pettie, The University of Michigan
					9:50 AM	A Nearly Linear Time Algorithm For The Half Integral Disjoint Paths Packing	Ken-ichi Kawarabayashi, National Institute of Informatics, Japan; Bruce Reed, McGill University, Canada
					10:15 AM	Fast Edge Splitting and Edmonds' Arborescence Construction for Unweighted Graphs	Anand Bhalgat, Google, India; Ramesh Hariharan, Strand Life Sciences and House of Algorithms, Bangalore, India; Telikepalli Kavitha, Indian Institute of Science, Bangalore, India; Debmalya Panigrahi, Massachusetts Insitute of Technology
					10:40 AM	Nondecreasing Paths in a Weighted Graph or: How to Optimally Read a Train Schedule	Virginia Vassilevska, Carnegie Mellon University
				Concurrent Sessions 9:00 AM - 11:05 AM	5B		9:00 AM
			9:25 AM			Graph Balancing: A Special Case of Scheduling Unrelated Parallel Machines	Tomáš Ebenlendr, Marek Krčál and Jiří Sgall, Academy of Sciences of the Czech Republic, Czech Republic
			9:50 AM			Non-Clairvoyant Scheduling with Precedence Constraints	Julien Robert, Université de Lyon, France; Nicolas Schabanel, CNRS, Chile

				10:15 AM	Provably Good Multicore Cache Performance for Divide-and-Conquer Algorithms	Guy E. Blelloch, Carnegie Mellon University; Rezaul A. Chowdhury, University of Texas, Austin; Phillip B. Gibbons, Intel Research Pittsburgh; Vijaya Ramachandran, University of Texas, Austin; Shimin Chen and Michael Kozuch, Intel Research Pittsburgh
				10:40 AM	Balls and Bins with Structure: Balanced Allocations on Hypergraphs	P. Brighten Godfrey, University of California at Berkeley
		Concurrent Sessions 9:00 AM - 11:05 AM	5C	9:00 AM	Arc-disjoint In-trees in Directed Graphs	Naoyuki Kamiyama, Naoki Katoh and Atsushi Takizawa, Kyoto University, Japan
				9:25 AM	Finding One Tight Cycle	Sergio Cabello, University of Ljubljana, Slovenia; Matt DeVos, Simon Fraser University, Canada; Jeff Erickson, University of Illinois at Urbana-Champaign; Bojan Mohar, Simon Fraser University, Canada
				9:50 AM	Set Connectivity Problems in Undirected Graphs and the Directed Steiner Network Problem	Chandra Chekuri, University of Illinois, Urbana; Guy Even, Tel-Aviv University, Israel; Anupam Gupta and Danny Segev, Carnegie Mellon University
				10:15 AM	Matroid Intersection, Pointer Chasing, and Young's Seminormal Representation of $S_n$	Nicholas J. A. Harvey, Massachusetts Institute of Technology
				10:40 AM	Iterated Rounding Algorithms for the Smallest $k$ -Edge Connected Spanning Subgraph	Harold N. Gabow and Suzanne Gallagher, University of Colorado at Boulder
				Coffee Break		11:05 AM - 11:30 AM
		Invited Plenary Session	6	11:30 AM - 12:30 PM	Shuffling Cards, Adding Numbers, and Symmetric Functions	Persi Diaconis
		Lunch (attendees on their own)		12:30 PM - 2:00 PM		
		Concurrent Sessions 2:00 PM - 4:05 PM	7A	2:00 PM	On the Bichromatic $k$ -Set Problem	Timothy M. Chan, University of Waterloo, Canada
				2:25 PM	Geodesic Delaunay Triangulations and Witness Complex in the Plane	Jie Gao, Stony Brook University, Stony Brook; Leonidas J. Guibas and Steve Y. Oudot, Stanford University; Yue Wang, Stony Brook University, Stony Brook
				2:50 PM	Minimum Weight Convex Steiner Partitions	Adrian Dumitrescu, University of Wisconsin-Milwaukee; Csaba D. Tóth, University of Calgary, Canada

				3:15 PM	Improved Algorithms for Fully Dynamic Geometric Spanners and Geometric Routing	Lee-Ad Gottlieb, Courant Institute, New York University; Liam Roditty, The Weizmann Institute of Science, Israel
				3:40 PM	On the Connectivity of Dynamic Random Geometric Graphs	Josep Díaz, UPC, Spain; Dieter Mitsche, ETH Zürich, Switzerland; Xavier Pérez-Giménez, UPC, Spain
		Concurrent Sessions 2:00 PM - 4:05 PM	7B	2:00 PM	Improved Algorithmic Versions of the Lovász Local Lemma	Aravind Srinivasan, University of Maryland, College Park
				2:25 PM	L(2,1)-labelling of Graphs	Frédéric Havet, INRIA, France; Bruce Reed, McGill University, Canada; Jean-Sébastien Sereni, Charles University, Czech Republic
				2:50 PM	Catalan Structures and Dynamic Programming in $H$ -minor-free graphs	Frederic Dorn and Fedor V. Fomin, University of Bergen, Norway; Dimitrios M. Thilikos, University of Athens, Greece
				3:15 PM	Computing Excluded Minors	Isolde Adler and Martin Grohe, Humboldt Universität zu Berlin, Germany; Stephan Kreutzer, Oxford University, UK
				3:40 PM	An Algorithm for Improving Graph Partitions	Reid Andersen, Microsoft Research; Kevin Lang, Yahoo! Research
				2:00 PM	Improved Algorithms for Orienteering and Related Problems	Chandra Chekuri and Nitish Korula, University of Illinois, Urbana; Martin Pál, Google Inc.
				2:25 PM	Approximation Algorithms for Labeling Hierarchical Taxonomies	Yuval Rabani, Israel Institute of Technology, Israel; Leonard Schulman, Caltech; Chaitanya Swamy, University of Waterloo, Canada
		Concurrent Sessions 2:00 PM - 4:05 PM	7C	2:50 PM	Fast Approximation of the Permanent for Very Dense Problems	Mark Huber and Jenny Law, Duke University
				3:15 PM	Approximating TSP on Metrics with Bounded Global Growth	T-H. Hubert Chan and Anupam Gupta, Carnegie Mellon University
				3:40 PM	Fully Polynomial Time Approximation Schemes for Stochastic Dynamic Programs	Nir Halman, Massachusetts Institute of Technology; Diego Klabjan, Northwestern University; Chung-Lun Li, The Hong Kong Polytechnic University, Hong Kong; James Orlin and David Simchi-Levi, Massachusetts Institute of Technology
		Coffee Break		4:05 PM - 4:30 PM		
				4:30 PM	On Distributing Symmetric Streaming Computations	Jon Feldman and S. Muthukrishnan, Google, Inc.; Anastasios Sidiropoulos, Massachusetts Institute of Technology; Cliff Stein, Columbia University; Zoya Svitkina, Cornell University

		Concurrent Sessions 4:30 PM - 6:35 PM	8A	4:55 PM	Tight Lower Bounds for Selection in Randomly Ordered Streams	Amit Chakrabarti, Dartmouth College; T. S. Jayram, IBM Almaden; Mihai Pătraşcu, Massachusetts Institute of Technology
				5:20 PM	On Distance to Monotonicity and Longest Increasing Subsequence of a Data Stream	Funda Ergun and Hossein Jowhari, Simon Fraser University, Canada
				5:45 PM	Declaring Independence via the Sketching of Sketches	Piotr Indyk, Massachusetts Institute of Technology; Andrew McGregor, University of California, San Diego
				6:10 PM	Why Simple Hash Functions Work: Exploiting the Entropy in a Data Stream	Michael Mitzenmacher and Salil Vadhan, Harvard University
		Concurrent Sessions 4:30 PM - 6:35 PM	8B	4:30 PM	Maximum Overhang	Mike Paterson, University of Warwick, UK; Yuval Peres, University of California, Berkeley; Mikkel Thorup, AT&T Labs - Research; Peter Winkler, Dartmouth College; Uri Zwick, Tel Aviv University, Israel
				4:55 PM	Deterministic Random Walks on Regular Trees	Joshua Cooper, University of South Carolina; Benjamin Doerr and Tobias Friedrich, Max-Planck-Institut für Informatik, Germany; Joel Spencer, Courant Institute of Mathematical Sciences, New York University
				5:20 PM	Quasirandom Rumor Spreading	Benjamin Doerr and Tobias Friedrich, Max-Planck-Institut für Informatik, Germany; Thomas Sauerwald, Paderborn Institute for Scientific Computation, Germany
				5:45 PM	Universality of Random Graphs	Domingos Dellamonica Jr., Emory University; Yoshiharu Kohayakawa, Universidade de São Paulo, Brazil; Vojtěch Rödl, Emory University; Andrzej Ruciński, Adam Mickiewicz University, Poland
				6:10 PM	The Effect of Induced Subgraphs on Quasi-Randomness	Asaf Shapira, Microsoft Research; Raphael Yuster, University of Haifa, Israel
		Concurrent Sessions 4:30 PM - 6:35 PM	8C	4:30 PM	Clustering for Metric and Non-Metric Distance Measures	Marcel R. Ackermann, Johannes Blömer and Christian Sohler, University of Paderborn, Germany
				4:55 PM	Metric Clustering via Consistent Labeling	Robert Krauthgamer, Weizmann Institute, Israel, and IBM Almaden; Tim Roughgarden, Stanford University
				5:20 PM	On Clustering to Minimize the Sum of Radii	Matt Gibson, Gaurav Kanade, Erik Krohn, Imran A. Pirwani and Kasturi Varadarajan, University of Iowa



				5:45 PM	A Constant Factor Approximation Algorithm for $k$ -Median Clustering with Outliers	Ke Chen, University of Illinois at Urbana-Champaign
				6:10 PM	Geometric Clustering: Fixed-Parameter Tractability and Lower Bounds with Respect to the Dimension	Sergio Cabello, University of Ljubljana, Slovenia; Panos Giannopoulos, Humboldt-Universität zu Berlin, Germany; Christian Knauer and Günter Rote, Freie Universität Berlin, Germany
		Business Meeting		7:00 PM - 8:00 PM		
<b>Tuesday</b>	<b>22-Jan</b>	<b>Registration</b>		<b>8:00 AM - 4:45 PM</b>		
		Continental Breakfast		8:30 AM		
		Concurrent Sessions 9:00 AM - 11:05 AM	9A	9:00 AM	The Complexity of Game Dynamics: BGP Oscillations, Sink Equilibria, and Beyond	Alex Fabrikant and Christos H. Papadimitriou, University of California at Berkeley
				9:25 AM	Designing Networks with Good Equilibria	Ho-Lin Chen, California Institute of Technology; Tim Roughgarden, Stanford University; Gregory Valiant, University of California at Berkeley
				9:50 AM	Ascending Auctions for Integral (Poly)Matroids with Concave Nondecreasing Separable Values	Sushil Bikhchandani, University of California, Los Angeles; Sven de Vries, University of Groningen, The Netherlands; James Schummer and Rakesh V. Vohra, Northwestern University
				10:15 AM	Fast Algorithms for Finding Proper Strategies in Game Trees	Peter Bro Miltersen and Troels Bjerre Sørensen, University of Aarhus, Denmark
				10:40 AM	Incentive Compatible Regression Learning	Ofer Dekel, The Hebrew University of Jerusalem, Israel; Felix Fischer, Ludwig-Maximilians-Universität München, Germany; Ariel D. Procaccia, The Hebrew University of Jerusalem, Israel
				Concurrent Sessions 9:00 AM - 11:05 AM	9B	9:00 AM
		9:25 AM	In-Place 2-d Nearest Neighbor Search			Timothy M. Chan and Eric Y. Chen, University of Waterloo, Canada
		9:50 AM	Distribution-sensitive Point Location in Convex Subdivisions			Sébastien Collette, Université Libre de Bruxelles, Belgium; Vida Dujmović, McGill University, Canada; John Iacono, Polytechnic University; Stefan Langerman, Université Libre de Bruxelles, Belgium; Pat Morin, Carleton University, Canada

				10:15 AM	Coresets, Sparse Greedy Approximation, and the Frank-Wolfe Algorithm	Kenneth L. Clarkson, IBM Almaden Research Center		
				10:40 AM	Sampling Algorithms and Coresets for $l_p$ Regression	Anirban Dasgupta, Yahoo!; Petros Drineas, Rensselaer Polytechnic Institute; Boulos Harb, University of Pennsylvania; Ravi Kumar and Michael W. Mahoney, Yahoo!		
		Concurrent Sessions 9:00 AM - 11:05 AM	9C	9:00 AM	Stochastic Analyses for Online Combinatorial Optimization Problems	Naveen Garg, Indian Institute of Technology; Anupam Gupta, Carnegie Mellon University; Stefano Leonardi and Piotr Sankowski, University of Rome "La Sapienza", Italy		
				9:25 AM	Online Make-to-Order Joint Replenishment Model: Primal Dual Competitive Algorithms	N. Buchbinder, Technion, Israel; T. Kimbrel, IBM T.J. Watson Research Center; R. Levi, Massachusetts Institute of Technology; K. Makarychev and M. Sviridenko, IBM T. J. Watson Research Center		
				9:50 AM	Parallel Monotonicity Reconstruction	Michael Saks, Rutgers University; C. Seshadhri, Princeton University		
				10:15 AM	Better Bounds for Online Load Balancing on Unrelated Machines	Ioannis Caragiannis, University of Patras, Greece		
				10:40 AM	Online Budgeted Matching in Random Input Models with Applications to Adwords	Gagan Goel, Georgia Institute of Technology; Aranyak Mehta, Google, Inc.		
				Coffee Break		11:05 AM - 11:30 AM		
				Invited Plenary Session	10	11:30 AM - 12:30 PM	Computational Advertising	Andrei Broder, Yahoo! Research
		Lunch (attendees on their own)		12:30 PM - 2:00 PM				
		Concurrent Sessions 2:00 PM - 4:05 PM	11A	2:00 PM	Linked Decompositions of Networks and the Power of Choice in Polya Urns	Henry Lin, University of California at Berkeley; Christos Amanatidis and Martha Sideri, University of Economics and Business, Greece; Richard M. Karp and Christos H. Papadimitriou, University of California at Berkeley		
				2:25 PM	A Local Algorithm for Finding Dense Subgraphs	Reid Andersen, Microsoft Research		
				2:50 PM	PageRank and the Random Surfer Model	Prasad Chebolu and Páll Melsted, Carnegie Mellon University		

				3:15 PM	Charity Auctions on Social Networks	Arpita Ghosh and Mohammad Mahdian, Yahoo! Research
				3:40 PM	On the Approximability of Influence in Social Networks	Ning Chen, University of Washington, Seattle
		Concurrent Sessions 2:00 PM - 4:05 PM	11B	2:00 PM	Fast Asynchronous Byzantine Agreement and Leader Election with Full Information	Bruce Kapron, University of Victoria, Canada; David Kempe, University of Southern California, Los Angeles; Valerie King, University of Victoria, Canada; Jared Saia, University of New Mexico; Vishal Sanwalani, University of Victoria, Canada
				2:25 PM	Unconditionally Reliable Message Transmission in Directed Networks	Bhavani Shankar, Prasant Gopal and Kannan Srinathan, International Institute of Information Technology, India; C. Pandu Rangan, Indian Institute of Technology, India
				2:50 PM	A Tight Lower Bound for Parity in Noisy Communication Networks	Chinmoy Dutta, Tata Institute of Fundamental Research, Mumbai, India; Yashodhan Kanoria, Stanford University; D. Manjunath, Indian Institute of Technology, Mumbai, India; Jaikumar Radhakrishnan, Tata Institute of Fundamental Research, Mumbai, India
				3:15 PM	Ranged Hash Functions and the Price of Churn	James Aspnes, Yale University; Muli Safra, Tel-Aviv University, Israel; Yitong Yin, Yale University
				3:40 PM	Algorithms for Distributed, Functional Monitoring	Graham Cormode, AT&T Labs; S. Muthukrishnan, Google, Inc.; Ke Yi, Hong Kong U.S.T., Hong Kong
						2:00 PM
		Concurrent Sessions 2:00 PM - 4:05 PM	11C	2:25 PM	Finding an Optimal Tree Searching Strategy in Linear Time	Shay Mozes, Brown University; Krzysztof Onak and Oren Weimann, Massachusetts Institute of Technology
				2:50 PM	Dynamic Optimality for Skip Lists and B-Trees	Prosenjit Bose, Carleton University, Canada; Karim Douïeb and Stefan Langerman, Université Libre de Bruxelles, Belgium
				3:15 PM	Splay Trees, Davenport-Schinzel Sequences, and the Deque Conjecture	Seth Pettie, The University of Michigan
				3:40 PM	Fully Dynamic Algorithm for Graph Spanners with Poly-Logarithmic Update Time	Surender Baswana and Soumojit Sarkar, IIT Kanpur, India
		Coffee Break		4:05 PM - 4:30 PM		

		Concurrent Sessions 4:30 PM - 6:35 PM	12A	4:30 PM	SPREAD: An Adaptive Scheme for Redundant and Fair Allocations in Dynamic Heterogeneous Storage Systems	Mario Mense, University of Paderborn, Germany; Christian Scheideler, Technische Universität München, Germany
				4:55 PM	Price Based Protocols For Fair Resource Allocation: Convergence Time Analysis and Extension to Leontief Utilities	Ashish Goel and Hamid Nazerzadeh, Stanford University
				5:20 PM	Lower-Bounded Facility Location	Zoya Svitkina, Dartmouth College
				5:45 PM	A Plant Location Guide for the Unsure	Barbara M. Anthony, Vineet Goyal, Anupam Gupta and Viswanath Nagarajan, Carnegie Mellon University
				6:10 PM	Approximating Connected Facility Location Problems via Random Facility Sampling and Core Detouring	Friedrich Eisenbrand, Universität Paderborn, Germany; Fabrizio Grandoni, "La Sapienza" Università di Roma, Italy; Thomas Rothvoß, Universität Paderborn, Germany; Guido Schäfer, Technische Universität Berlin, Germany
		Concurrent Sessions 4:30 PM - 6:35 PM	12B	4:30 PM	The Hiring Problem and Lake Wobegon Strategies	Andrei Z. Broder, Yahoo! Research; Adam Kirsch, Harvard School of Engineering and Applied Sciences; Ravi Kumar, Yahoo! Research; Michael Mitzenmacher, Harvard School of Engineering and Applied Sciences; Eli Upfal, Brown University; Sergei Vassilvitskii, Yahoo! Research
				4:55 PM	Weak $\epsilon$ -nets and Interval Chains	Noga Alon, Haim Kaplan, Gabriel Nivasch and Micha Sharir, Tel-Aviv University, Israel; Shakhar Smorodinsky, Courant Institute, New York University
				5:20 PM	Robust Cost Colorings	Takuro Fukunaga, Kyoto University; Magnús M. Halldórsson, Reykjavik University, Iceland; Hiroshi Nagamochi, Kyoto University, Japan
				5:45 PM	Comparing the Strength of Query Types in Property Testing: The Case of Testing $k$ -colorability	Ido Ben-Eliezer, Tel-Aviv University, Israel; Tali Kaufman, Institute for Advanced Study; Michael Krivelevich and Dana Ron, Tel-Aviv University, Israel
				6:10 PM	Sampling Stable Marriages: Why Spouse-Swapping Won't Work	Nayantara Bhatnagar, University of California at Berkeley; Sam Greenberg and Dana Randall, Georgia Institute of Technology

		Concurrent Sessions 4:30 PM - 6:35 PM	12C	4:30 PM	On Stars and Steiner Stars	Adrian Dumitrescu, University of Wisconsin-Milwaukee; Csaba D. Tóth, University of Calgary, Canada
				4:55 PM	Cutting Cycles of Rods in Space: Hardness and Approximation	Boris Aronov, Polytechnic University; Mark de Berg, Chris Gray and Elena Mumford, TU Eindhoven, The Netherlands
				5:20 PM	Empty-Ellipse Graphs	Olivier Devillers, INRIA, France; Jeff Erickson, University of Illinois at Urbana-Champaign; Xavier Goaoc, INRIA, France
				5:45 PM	Recognizing Partial Cubes in Quadratic Time	David Eppstein, University of California, Irvine
				6:10 PM	Approximating Geometric Coverage Problems	Thomas Erlebach, University of Leicester, UK; Erik Jan van Leeuwen, CWI, The Netherlands
				Conference Adjourns	6:35 PM	