



CTW PROGRAM 2011

Monday October 10, 2011		
TIME	ACTIVITIES	VENUE
08:30-09:10	Registration	
09:10-09:30	Opening remarks by Amy Wang and Peter Bro Miltersen	Lille AUD - IT-Huset
09:30-10:30	Keynote talk 1	Lille AUD - IT-Huset
	Chair: Amy Wang	
Ryan Williams - Stanford University <i>Algorithms for Circuits and Circuits for Algorithms</i>		
10:30-11:00	Coffee break	
11:00-12:00	Chair: Dominik Scheder	Lille AUD - IT-Huset
	Ilya Volkovich - Technion <i>Black-Box Identity Testing Of Depth-4 Multilinear Circuits</i>	
Ramprasad Saptharishi - IIT, Kanpur <i>Jacobian hits all circuits</i>		
12:00-14:00	Lunch Break - Lunch is on your own	
14:00-15:00	Chair: Dominik Scheder	Lille AUD - IT-Huset
	Bangsheng Tang - Tsinghua Univeristy <i>Width-parameterized SAT: Time-Space Tradeoffs</i>	
Timon Hertli - ETH Zurich <i>3-SAT Faster and Simpler - Unique-SAT Bounds for PPSZ Hold in General</i>		
15:00-15:30	Coffee break	
15:30-17:00	Chair: Qin Zhang	Lille AUD - IT-Huset
	Yuan Zhou - CMU <i>Approximation Algorithms and Hardness of the k-Route Cut Problem</i>	
	Yuichi Yoshida - Kyoto University <i>Testing Juntas of Symmetric Functions</i>	
Elisa Celis - University of Washington <i>Balls and Bins: Smaller Hash Families and Faster Evaluation</i>		



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Tuesday October 11, 2011			
TIME	ACTIVITIES		VENUE
09:00-10:00	Keynote talk 2	Mikkel Thorup - University of Copenhagen <i>The Power of Tabulation Hashing</i>	Lille AUD - IT-Huset
	Chair: Peter Bro Miltersen		
10:00-10:30	Group Photo + Coffee break		
10:30-12:00	Chair: Joshua Brody	Bernhard Haeupler - MIT <i>Analyzing Network Coding Gossip Made Easy</i>	Lille AUD - IT-Huset
		Mahmoud Fouz - Saarland University <i>Social Networks Spread Rumors in Sublogarithmic Time</i>	
		Tiancheng Lou - Tsinghua University <i>Who Will Follow You Back? Reciprocal Relationship Prediction</i>	
12:00-14:00	Lunch Break - Lunch is on your own		
14:00-15:00	Chair: Jie Zhang	George Pierrakos - Berkely <i>On Optimal Single-Item Auctions</i>	Lille AUD - IT-Huset
		Simina Branzei - Aarhus University <i>Matching games with compact externalities</i>	
15:00-15:30	Coffee Break		
15:30-16:00	Chair: Tomas Toft	Liwen Xu - Tsinghua University Major Coefficients Recovery: <i>a Compressed Scheme for Data Gathering in Wireless Sensor Network</i>	Lille AUD - IT-Huset
18:00-????	Chair: Elad Verbin	Chilli and beer session Chilli is served with salad & bread	Coffee room



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Wednesday October 12, 2011			
TIME	ACTIVITIES		VENUE
09:30-10:30	Keynote Talk 3	Thore Husfeldt IT University of Copenhagen and Lund University <i>Exponential time algorithms</i>	Store Aud - IT-Huset
	Chair: <i>Peter Bro Miltersen</i>		
10:30-11:00	Coffee break		
11:00-12:00	Chair: <i>Wei Yu</i>	Roy Schwartz - Technion <i>A Unified Continuous Greedy Algorithm for Submodular Maximization</i>	Store Aud - IT-Huset
		Pushkar Tripathi - Georgia Tech <i>Matching with Commitments</i>	
12:00-14:00	Lunch Break - Lunch is on your own		
14:00-17:00	OUTING: <i>Visit to Den Gamle By (The Old Town)</i>		Viborgvej 2 Aarhus C
18:30-????	Official Dinner at AROS		Aros Allé 2 Aarhus C



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Thursday October 13, 2011			
TIME	ACTIVITIES		VENUE
09:30-10:30	Keynote Talk 4	Yuval Ishai - Technion <i>The Complexity of Cryptography</i>	Lille AUD - IT-Huset
	Chair: Ivan Damgård		
10:30-11:00	Coffee break		
11:00-12:00	Chair: Sebastian Faust	Allison Lewko - Univeristy of Texas at Austin <i>The Contest Between Simplicity and Efficiency in Asynchronous Byzantine Agreement</i>	Lille AUD - IT-Huset
		Abhishek Jain - UCLA <i>Leakage-Resilient Protocols</i>	
12:00-14:00	Lunch Break - Lunch is on your own		
14:00-15:30	Chair: Carmit Hazay	Sigurd Melgaard - Aarhus University <i>Oblivious RAM in the standard model</i>	Lille AUD - IT-Huset
		Jon Ullman - Havard University <i>Privately Releasing Conjunctions and the Statistical Query Barrier</i>	
		Jakob Funder - Aarhus University <i>Superposition Attacks on Cryptographic Protocols</i>	
15:30-16:00	Coffee break		
16:00-17:00	Chair: Tomas Toft	Thomas D. Hansen - Aarhus University <i>Subexponential lower bounds for randomized pivoting rules for the simplex algorithm</i>	Lille AUD - IT-Huset
		Jop Briet - CWI <i>Grothendieck Inequalities for Semidefinite Programs with Rank Constraint</i>	
18:00-????	Chair: Elad Verbin	Pizza and beer session Pizza is served with salad & bread	Coffee room



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Friday October 14, 2011			
TIME	ACTIVITIES		VENUE
09:30-10:30	Keynote talk 5	Harry Buhrman - CWI <i>Position-based cryptography</i>	Lille AUD - IT-Huset
	Chair <i>Christophe Tartary</i>		
10:30-11:00	Coffee break		
11:00-12:30	Chair: <i>Elias Tsigaridas</i>	Daniel Dadush - Georgia Tech <i>Enumerative Lattice Algorithms in any Norm via M-ellipsoid Coverings</i>	Lille AUD - IT-Huset
		Yuval Filmus - University of Toronto <i>A combinatorial algorithm for maximum coverage over a matroid.</i>	
		Casper Kejlbjerg-Rasmussen - Aarhus University <i>Cache-Oblivious Implicit Predecessor Dictionaries with the Working-Set Property</i>	
12:30-12:45	<i>Peter Bro Miltersen</i>	Closing remarks	