



CTW PROGRAM 2013

Monday July 29, 2013			
TIME	ACTIVITIES		VENUE
10:00-10:50	Registration		
10:50-11:00	Opening remarks by Peter Bro Miltersen		Lille AUD - IT-Huset
11:00-12:00	Keynote talk 1	John Steinberger - Tsinghua University <i>Information-Theoretic Indistinguishability and Patarin's H-coefficient Technique</i>	Lille AUD - IT-Huset
	Chair: Peter Bro Miltersen		
12:00-13:30	Lunch Break - Lunch is on your own		
13:30-14:30	Chair: Ivan Damgaard	Pravesh Kothari - University of Texas, Austin <i>Structural Properties of Submodular Functions with Applications to Representation, Learning and Privacy</i>	Lille AUD - IT-Huset
		Sergey Gorbunov - University of Toronto <i>Attribute-based Encryption for Circuits</i>	
14:30-15:00	Coffee break		
15:00-16:00	Chair: Ivan Damgaard	Nir Bitansky - Tel Aviv University <i>Getting Inside the Adversary's Head: The Non-Black-Box Way</i>	Lille AUD - IT-Huset
		Angela Zottarel - Aarhus University <i>On the Connection between Leakage Tolerance and Adaptive Security</i>	
16:00-16:30	Coffee break		
16:30-17:30	Chair: Ivan Damgaard	Elad Haramaty - Technion <i>Absolutely Sound Testing of Reed Muller Codes (and Lifted Codes)</i>	Lille AUD - IT-Huset
		Bryan Wilkinson - Aarhus University <i>Concurrent Range Reporting in Two-Dimensional Space</i>	



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Tuesday July 30, 2013			
TIME	ACTIVITIES		VENUE
09:30-10:30	<u>Chair:</u> Kevin Matulef	Chenggang Wu – Tsinghua University <i>Testing Surface Area</i>	Lille AUD - IT-Huset
		Huy L. Nguyen – Princeton <i>Approximate Near Neighbor Search: Beyond Locality Sensitive Hashing</i>	
10:30-11:00	Coffee break		
11:00-12:00	<u>Chair:</u> Kevin Matulef	Reut Levi – Tel Aviv University <i>A Quasi-Polynomial Time Partition Oracle for Graphs with an Excluded Minor</i>	Lille AUD - IT-Huset
		Sangxia Huang – CSC, KTH <i>Improved Hardness of Approximating Chromatic Number</i>	
12:00-13:30	Lunch Break - Lunch is on your own		
13:30-14:30	Keynote talk 2	<u>Oded Goldreich – The Weizmann Institute of Science</u> <i>Property Testing: Sublinear-Time Approximate Decisions</i>	Lille AUD - IT-Huset
	<u>Chair:</u> Ivan Damgaard		
14:30-15:00	Coffee break		
15:00-16:00	<u>Chair:</u> Dominik Scheder	Sebastian Tavenas – Paris <i>Improved Bounds for Reduction to Depth ≤ 4 and Depth ≤ 3</i>	
		Christoph Berkholz – Aachen <i>The Complexity of K-Consistency and Bounded Width Resolution</i>	
16:00-16:30	Coffee break		
16:30-17:30	Dominik Scheder	Magnus Find – SDU <i>On Cancellation-Free Linear Circuits</i>	Lille AUD - IT-Huset
		Navid Talebanfard - Aarhus University <i>Exponential Lower Bounds for the PPSZ k-SAT Algorithm</i>	
18:00-??:??	<u>Chair:</u> Dominik Scheder & Kevin Matulef	Pizza and Beer Session	ADA 333



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Wednesday July 31, 2013			
TIME	ACTIVITIES		VENUE
09:30-10:30	Keynote Talk 3	<u>Giulio Chiribella – Tsinghua University</u> <i>Quantum Replication at the Heisenberg Limit</i>	Lille AUD - IT-Huset
	Chair: Ivan Damgaard		
10:30-11:00	Coffee break		
11:00-12:00	Chair:	Virginie Lerays – LIAFA, Université Paris <i>Lower bounds on information complexity via zero-communication protocols</i>	Lille AUD - IT-Huset
	Kevin Matulef	Jesper A. S. Nielsen – Aarhus University <i>Expected Linear Time Sorting for Large Integers</i>	
12:30-14:00	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-????	BBQ at Matematisk Kantine		Ny Munkegade Building 1530



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Thursday August 1, 2013			
TIME	ACTIVITIES		VENUE
09:30-10:30	<u>Chair:</u> Jie Zhang	Darrel Hoy – Northwestern <i>Simple Auctions for Risk-Averse Agents</i>	Lille AUD - IT-Huset
		Inbal Talgam-Cohen – Stanford <i>Optimal and Near-Optimal Mechanism Design with Interdependent Values</i>	
10:30-11:00	Coffee break		
11:00-12:00	<u>Chair:</u> Jie Zhang	Matt Weinberg – MIT <i>Understanding Incentives: Reducing Mechanism- to Algorithm- Design</i>	Lille AUD - IT-Huset
		Zihe Wang – Tsinghua University <i>Optimal Mechanisms with Simple Menus</i>	
12:00-13:30	Lunch Break - Lunch is on your own		
13:30-14:30	Keynote talk 4	Dana Ron – Tel Aviv University <i>Sublinear algorithms for approximating graph parameters</i>	Lille AUD - IT-Huset
	<u>Chair:</u> Claudio Orlandi		
14:30-15:00	Coffee break		
15:00-16:00	<u>Chair:</u> Wei Yu	Avishay Tal – Weizman <i>Properties and Applications of Boolean Function Composition</i>	Lille AUD - IT-Huset
		Zeyu Guo – CalTech <i>Randomness-Efficient Curve Samplers</i>	
16:00-16:30	Coffee break		
16:30-17:30	<u>Chair:</u> Wei Yu	Simina Branzei - Aarhus University <i>Equilibria of cake cutting protocols</i>	Lille AUD - IT-Huset
		Aris Filos-Ratsikas - Aarhus University <i>Truthful Approximations to range voting</i>	
18:00-??:??	<u>Chair:</u> Claudio Orlandi & Jie Zhang	Pizza and Beer Session	ADA 333



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Friday August 2, 2013			
TIME	ACTIVITIES		VENUE
09:30-10:30	Chair Kristoffer Arnsfelt Hansen	<u>Kousha Etessami – University of Edinburgh</u> <i>The complexity of analyzing infinite-state recursive Markov chains, Markov decision processes, and stochastic games</i>	Lille AUD - IT-Huset
10:30-11:00	Coffee break		
11:00-12:00	Chair: Dominik Scheder	Marvin Kunneman – MPI <i>A Quantization Framework for Smoothed Analysis on Euclidean Optimization Problems</i>	Lille AUD - IT-Huset
		Pavel Hubacek – Aarhus University <i>Rational Arguments: Non-interactive Delegation with Sublinear Verification</i>	
12:00-12:10	Peter Bro Miltersen	Closing remarks	