

FCT 2013  
MONDAY 19 August 2013

8:00	<b>Registration opens</b>
8:00 - 8:50	Morning coffee
8:50 - 9:00	Welcome and official opening
9:00 - 10:00	<b>Invited talk: Marek Chrobak</b> Together or Separate? Algorithmic Aggregation Problems
10:00 - 10:20	Coffee break
10:20 - 12:00	Session 1 (Chair: Leszek Gąsieniec)
	<b>The Lazy Bureaucrat Problem with Common Arrivals and Deadlines: Approximation and Mechanism Design</b> Laurent Gourves, Jerome Monnot and Aris Pagourtzis
	<b>The Frequent Items Problem in Online Streaming under Various Performance Measures</b> Joan Boyar, Kim S. Larsen and Abyayananda Maiti
	<b>Online Parallel Scheduling of Non-Uniform Tasks: Trading Failures for Energy</b> Antonio Fernandez Anta, Chryssis Georgiou, Dariusz Kowalski and Elli Zavou
	<b>New Sequential and Parallel Algorithms for Computing <math>\beta</math>-Spectrum</b> Mirosław Kowaluk and Gabriela Majewska
12:00 - 14:00	Lunch
14:00 - 15:40	Session 2 (Chair: Russell Martin)
	<b>On the Structure of Equilibria in Basic Network Formation</b> Sotiris Nikolettseas, Panagiota Panagopoulou, Christoforos Raptopoulos and Paul Spirakis
	<b>On the Complexity of Finding a Largest Common Subtree of Bounded Degree</b> Tatsuya Akutsu, Takeyuki Tamura, Avraham Melkman and Atsuhiko Takasu
	<b>Parameterized Complexity of Weak Odd Domination Problems</b> David Cattanéo and Simon Perdrix
	<b>An <math>\mathcal{O}^*(1.84^k)</math> Parameterized Algorithm for the Multiterminal Cut Problem</b> Yixin Cao, Jianer Chen and Jia-Hao Fan
15:40 - 16:00	Coffee break
16:00 - 17:15	Session 3 (Chair: Paul Spirakis)
	<b>Locally Constrained Homomorphisms on Graphs of Bounded Treewidth and Bounded Degree</b> Steven Chaplick, Jiri Fiala, Pim van 't Hof, Daniel Paulusma and Marek Tesar
	<b>On Independence Domination</b> Wing-Kai Hon, Ton Kloks, Hsiang-Hsuan Liu, Sheung-Hung Poon and Yue-Li Wang
	<b>Complexity of Finding Maximum Regular Induced Subgraphs with Prescribed Degree</b> Yuichi Asahiro, Hiroshi Eto, Takehiro Ito and Eiji Miyano
18:30	Reception at Victoria Gallery and Museum

**FCT 2013**  
**TUESDAY 20 August 2013**

8:00 - 8:50	Morning coffee
9:00 - 10:00	<b>Invited talk: Joël Ouaknine</b> Decision Problems for Linear Recurrence Sequences
10:00 - 10:20	Coffee break
10:20 - 12:00	Session 4 (Chair: Igor Potapov)
	<b>Real-Time Vector Automata</b> Özlem Salehi, Abuzer Yakaryilmaz and A.C. Cem Say
	<b>Expressivity of Time-Varying Graphs</b> Arnaud Casteigts, Paola Flocchini, Emmanuel Godard, Nicola Santoro and Masafumi Yamashita
	<b>On the Average Size of Glushkov and Equation Automata for KAT Expressions</b> Sabine Broda, António Machiavelo, Nelma Moreira and Rogério Reis
	<b>One Alternation is Incomparable With Probabilities in Small and Fast Two-Way Finite Automata</b> Kaspars Balodis
12:00 - 14:00	Lunch
14:00 - 15:40	Session 5 (Chair: Frank Wolter)
	<b>Cancellation-Free Circuits in Unbounded and Bounded Depth</b> Magnus Gausdal Find and Joan Boyar
	<b>Groups With a Recursively Enumerable Irreducible Word Problem</b> Gabriela Asli Rino Nesin and Rick Thomas
	<b>An Axiomatization of the Theory of Generalized Ultrametric Semilattices of Linear Signals</b> Eleftherios Matsikoudis and Edward Lee
	<b>A Formal Framework for Property-Driven Obfuscation Strategies</b> Mila Dalla Preda, Isabella Mastroeni and Roberto Giacobazzi
15:40 - 16:00	Coffee break
16:00 - 17:45	Session 6 (Chair: Darek Kowalski)
	<b>Guarding Thin Orthogonal Polygons is Hard</b> Ana Paula Tomás
	<b>Domination Analysis of Algorithms for Bipartite Boolean Quadratic Programs</b> Abraham Punnen, Piyashat Sripratak and Daniel Karapetyan
	<b>On the Isomorphism Problem for Decision Trees and Decision Lists</b> Vikraman Arvind, Johannes Koebler, Sebastian Kuhnert, Gaurav Rattan and Yadu Vasudev
	<b>FCT Business Meeting</b>
18:30	Conference dinner at Gusto

FCT 2013  
WEDNESDAY 21 August 2013

8:00 - 8:50	Morning coffee
9:00 - 10:00	<b>Invited talk: David Peleg</b> Randomized Distributed Decision
10:00 - 10:20	Coffee break
10:20 - 12:00	Session 7 (Chair: Prudence Wong)
	<b>Approximation Algorithms for the Antenna Orientation Problem</b> Evangelos Kranakis, Fraser MacQuarrie and Oscar Morales Ponce
	<b>Distributed Deterministic Broadcasting in Uniform-Power Ad Hoc Wireless Networks</b> Tomasz Jurdzinski, Dariusz Kowalski and Grzegorz Stachowiak
	<b>Efficient Sampling of Non-strict Turnstile Data Streams</b> Neta Barkay, Ely Porat and Bar Shalem
	<b>Improved Approximation Algorithms for Constrained Fault-Tolerant Resource Allocation</b> Kewen Liao, Hong Shen and Longkun Guo
12:00 - 14:00	Lunch