

	Thursday (14/03/2019)		Friday (15/03/2019)		Saturday (16/03/2019)	
08:20 - 08:50	Registration desk					
08:50 - 09:00	Welcome					
09:00 - 10:00	Invited talk (MA 005) Petra Mutzel: Algorithmic Data Analysis		Invited talk (MA 005) Leslie Ann Goldberg: Computational Complexity and Partition Functions		Invited talk (MA 005) Anca Muscholl: The Many Facets of String Transducers	
10:00 - 10:20	<i>Coffee Break</i>		<i>Coffee Break</i>		<i>Coffee Break</i>	
10:20 - 11:35	Session A (MA 005) <i>Chair:</i>	Session B (MA 004) <i>Chair:</i>	Session A (MA 005) <i>Chair:</i>	Session B (MA 004) <i>Chair:</i>	Session A (MA 005) <i>Chair:</i>	Session B (MA 004) <i>Chair:</i>
	Enoch Peserico: Paging with dynamic memory capacity	Stefan Kiefer and Corto Mascle: On Finite Monoids over Nonnegative Integer Matrices and Short Killing Words	Grzegorz Fabiański, Michał Pilipczuk, Sebastian Siebertz and Szymon Toruńczyk: Progressive Algorithms for Domination and Independence	Stasys Jukna and Andrzej Lingas: Lower Bounds for DeMorgan Circuits of Bounded Negation Width	Spyros Angelopoulos, Christoph Dürr and Shendan Jin: Best-of-two-worlds analysis of online search	Maria Emilia Descotte, Diego Figueira and Santiago Figueira: Closure properties of synchronized relations
	Shahbaz Khan and Shashank K. Mehta: Depth First Search in the Semi-streaming Model	Moses Ganardi: Visibly pushdown languages over sliding windows	David Saulpic, Niklas Hjuler, Giuseppe F. Italiano and Nikos Parotsidis: Dominating Sets and Connected Dominating Sets in Dynamic Graphs	Faith Ellen, Rati Gelashvili, Philipp Woelfel and Leqi Zhu: Space Lower Bounds for the Signal Detection Problem	Kelin Luo, Thomas Erlebach and Yinfeng Xu: Car-Sharing on a Star Network: On-line Scheduling with k Servers	Shaull Almagor, Joel Ouaknine and James Worrell: The Semialgebraic Orbit Problem
	Martin Dietzfelbinger and Stefan Walzer: Constant-Time Retrieval with $O(\log m)$ Extra Bits	Emmanuel Jeandel and Pascal Vanier: A characterization of subshifts with a computable language	Marthe Bonamy, Oscar Defrain, Marc Heinrich and Jean-Florent Raymond: Enumerating minimal dominating sets in triangle-free graphs	Dušan Knop, Michał Pilipczuk and Marcin Wrochna: Tight complexity lower bounds for integer linear programming with few constraints	Alexander Birx and Yann Disser: Tight analysis of the Smartstart algorithm for online Dial-a-Ride on the line	Antoine Mottet and Karin Quaas: The Containment Problem for Unambiguous Register Automata
11:35 - 11:55	<i>Coffee Break</i>		<i>Coffee Break</i>		<i>Coffee Break</i>	
11:55 - 12:45	Session A (MA 005) <i>Chair:</i>	Session B (MA 004) <i>Chair:</i>	Session A (MA 005) <i>Chair:</i>	Session B (MA 004) <i>Chair:</i>	Session A (MA 005) <i>Chair:</i>	Session B (MA 004) <i>Chair:</i>
	Kurtulus Gemici, Elias Koutsoupias, Barnabé Monnot, Christos Papadimitriou and Georgios Piliouras: Wealth Inequality and the Price of Anarchy	Silvia Butti and Stanislav Živný: Sparsification of Binary CSPs	Etienne Bamas and Louis Esperet: Distributed coloring of graphs with an optimal number of colors	Tom Bannink, Jop Briët, Harry Buhrman, Farrokh Labib and Troy Lee: Bounding quantum-classical separations for classes of nonlocal games	Eva-Maria Hols and Stefan Kratsch: On Kernelization for Edge Dominating Set under Structural Parameters	Erik Paul: Finite Sequentiality of Unambiguous Max-Plus Tree Automata
	Ágnes Cseh and Attila Juhos: Pairwise preferences in the stable marriage problem	Gregor Matl and Stanislav Živný: Beyond Boolean Surjective VCSPs	Pál András Papp and Roger Wattenhofer: Stabilization Time in Weighted Minority Processes	François Le Gall, Harumichi Nishimura and Ansis Rosmanis: Quantum Advantage for the LOCAL Model in Distributed Computing	Stephan Kreutzer, Irene Muzi, Patrice Ossona de Mendez, Roman Rabinovich and Sebastian Siebertz: Algorithmic Properties of Sparse Digraphs	Patrick Landwehr and Christof Löding: Tree Automata with Global Constraints for Infinite Trees
12:45 - 14:45	<i>Lunch</i>		<i>Lunch</i>		<i>End of STACS 2019</i>	
14:45 - 16:00	Session A (MA 005) <i>Chair:</i>	Session B (MA 004) <i>Chair:</i>	Session A (MA 005) <i>Chair:</i>	Session B (MA 004) <i>Chair:</i>		
	Fedor Fomin, Petr Golovach and Dimitrios Thilikos: Modification to Planarity is Fixed Parameter Tractable	Sagnik Mukhopadhyay and Bruno Loff: Lifting Theorems for Equality	Max Bannach and Till Tantau: On the Descriptive Complexity of Color Coding	Derek Holt, Markus Lohrey and Saul Schleimer: Compressed decision problems in hyperbolic groups		
	Bart M. P. Jansen, Marcin Pilipczuk and Erik Jan van Leeuwen: A deterministic polynomial kernel for Odd Cycle Transversal and Vertex Multiway Cut in planar graphs	Thomas Watson: A ZPP ^{NP} [1] Lifting Theorem	Robert Krauthgamer and Ohad Trabelsi: The Set Cover Conjecture and Subgraph Isomorphism with a Tree Pattern	Paweł Gawrychowski, Florin Manea and Radosław Serafin: Fast and Longest Rollercoasters		
	Eduard Eiben, Dušan Knop, Fahad Panolan and Ondrej Suchy: Complexity of the Steiner Network Problem with Respect to the Number of Terminals	Chetan Gupta, Vimal Raj Sharma and Raghunath Tewari: Reachability in $O(\log n)$ Genus Graphs is in Unambiguous Logspace	Archontia Giannopoulou, O-Joung Kwon, Jean-Florent Raymond and Dimitrios Thilikos: Lean tree-cut decompositions: obstructions and algorithms	Julien Destombes and Andrei Romashchenko: Resource-Bounded Kolmogorov Complexity Provides an Obstacle to Soficness of Multidimensional Shifts		
16:00 - 16:20	<i>Coffee Break</i>		<i>Coffee Break</i>			
16:20 - 17:35	Session A (MA 005) <i>Chair:</i>	Session B (MA 004) <i>Chair:</i>	Session A (MA 005) <i>Chair:</i>	Session B (MA 004) <i>Chair:</i>		
	Rémy Belmonte, Eun Jung Kim, Michael Lampis, Valia Mitsou, Yota Otachi and Florian Sikora: Token Sliding on Split Graphs	Florent Capelli and Stefan Mengel: Tractable QBF by Knowledge Compilation	Felix Hommelshiem, Moritz Muehlenthaler and Oliver Schaudt: How to Secure Matchings Against Edge Failures	Gleb Posobin and Alexander Shen: Random noise increases Kolmogorov complexity and Hausdorff dimension		
	Parinya Chalermsook, Andreas Schmid and Sumedha Uniyal: A Tight Extremal Bound on the Lovász Cactus Number in Planar Graphs	Olaf Beyersdorff, Joshua Blinkhorn and Meena Mahajan: Building Strategies into QBF Proofs	Alexander Grigoriev, Tim Hartmann, Stefan Lendl and Gerhard J. Woeginger: Dispersing obnoxious facilities on a graph	Yann Strozecki, David Auger and Pierre Coucheney: Solving simple stochastic games with few random nodes faster using Bland's rule		
	Boris Aronov, Omrit Filtser, Matthew Katz and Khadijeh Sheikhan: Bipartite Diameter and Other Measures Under Translation	Turlough Neary and Matthew Cook: Average-Case Completeness in Tag Systems	Kasper Green Larsen: Constructive Discrepancy Minimization with Hereditary L2 Guarantees	Sandeep Sen: A unified approach to tail estimates for Randomized Incremental Construction		
19:00 -			Social Program: Conference Dinner			