

Tuesday July 10

Track A — Sun 1 chair <i>D. Marx</i>	Track A — Sun 2 chair <i>J. Suomela</i>	Track B — Earth chair <i>A. Muscholl</i>	Track A — Jupiter chair <i>E. Ben-Sasson</i>	
<i>J. Chuzhoy, D. H. K. Kim, R. Nimavat:</i> Improved Approximation for Node-Disjoint Paths in Grids with Sources on the Boundary	<i>T. Johnson, M. T. Goodrich, W. E. Devanny, J. J. B. Vial, D. Eppstein:</i> Optimally Sorting Evolving Data	<i>M. Skrzypczak</i> rescheduled on Thu 11:40	<i>C. Röösner, M. Schmidt:</i> Privacy preserving clustering with constraints	10:00 – 10:20
<i>A. Schmid, J. M. Schmidt:</i> Computing Tutte Paths	<i>M. Charikar, O. Geri, M. Kim, W. Kuszmaul:</i> On Estimating Edit Distance: Alignment, Dimension Reduction, and Embeddings	<i>M. Raskin:</i> A superpolynomial lower bound for the size of non-deterministic complement of an unambiguous automaton	<i>E. Boyle, A. Jain, M. Prabhakaran, C.-H. Yu:</i> The Bottleneck Complexity of Secure Multiparty Computation	10:25 – 10:45
<i>P. Sankowski:</i> NC Algorithms for Weighted Planar Perfect Matching and Related Problems	<i>P. Gawrychowski, P. Uznański:</i> Towards Unified Approximate Pattern Matching for Hamming and L_1 Distance	<i>G. Douéneau-Tabot:</i> On the complexity of infinite advice strings	<i>D. Micciancio, J. Sorrell:</i> Ring packing and amortized FHEW bootstrapping	10:50 – 11:10
<i>J. Fox, T. Roughgarden, C. Seshadhri, F. Wei, N. Wein:</i> Finding Cliques in Social Networks: A New Distribution-Free Model	<i>P. Gawrychowski, G. Landau, W.-K. Sung and O. Weimann:</i> A Faster Construction of Greedy Consensus Tree	<i>M. E. Descotte, D. Figueira, G. Puppis:</i> Resynchronizing Classes of Word Relations	<i>A. Romashchenko, M. Zimand:</i> An operational characterization of mutual information in algorithmic information theory	11:15 – 11:35
<i>A. Louis, R. Venkat:</i> Semi-random Graphs with Planted Sparse Vertex Cuts: Algorithms for Exact and Approximate Recovery	<i>B. Dudek, P. Gawrychowski:</i> Edit Distance between Unrooted Trees in Cubic Time	Best student paper of track B <i>S. Winter:</i> Uniformization Problems for Synchronizations of Automatic Relations on Words	<i>B. Berger, Z. Brakerski:</i> BA: Zero-Knowledge Protocols for Search Problems <i>N. Agarwal, S. Anand, M. Prabhakaran:</i> BA: On Secure m -Party Computation, Commuting Permutation Systems and Unassisted Non-Interactive MPC	11:40 – 12:00

Track A — Sun 1 chair <i>P. Sankowski</i> <i>M. Grohe, D. Neuen, P. Schweitzer, D. Wiebking:</i> An improved isomorphism test for bounded-tree-width graphs	Track A — Sun 2 chair <i>M. Jerrum</i> <i>J. Byrka, P. Skowron, K. Sornat:</i> Proportional Approval Voting, Harmonic k -median, and Negative Association	Track B — Earth chair <i>D. Sannella</i> <i>S. Staton, D. Stein, H. Yang, N. Ackerman, C. Freer, D. Roy:</i> The Beta-Bernoulli process and algebraic effects	Track A — Jupiter chair <i>E. Ben-Sasson</i> <i>B. Haeupler, A. Shahrasbi, M. Sudan:</i> Synchronization Strings: List Decoding for Insertions and Deletions	13:30 – 13:50
<i>H. Dell, M. Grohe, G. Rattan:</i> Lovász Meets Weisfeiler and Leman	<i>L. Elisa Celis, D. Straszak, N. K. Vishnoi:</i> Ranking with Fairness Constraints	<i>A. Aguirre, G. Barthe, J. Hsu, A. Silva:</i> Almost Sure Productivity	<i>B. Haeupler, A. Shahrasbi, E. Vitercik:</i> Synchronization Strings: Channel Simulations and Interactive Coding for Insertions and Deletions	13:55 – 14:15
<i>A. Kolla, I. Koutis, V. Madam, A. K. Sinop:</i> Spectrally Robust Graph Isomorphism	<i>J. Chen, B. Li, Y. Li, P. Lu:</i> BA: Bayesian Auctions with Efficient Queries <i>D. Graf, K. Labib, P. Uznański:</i> BA: Hamming distance completeness and sparse matrix multiplication	<i>L. Daviaud, R. Lazić, M. Jurdziński, F. Mazowiecki, G. Perez, J. Worrall:</i> When is Containment Decidable for Probabilistic Automata?	<i>S. Raskhodnikova, N. Varna:</i> BA: Erasure-Resilience Versus Tolerance to Errors <i>A. Bleckl, et al.:</i> cancelled	14:20 – 14:40
chair <i>P. Sankowski</i>	chair <i>R. Williams</i>	chair <i>P.-L. Cuvien</i>	chair <i>P. Golovach</i>	
<i>D. Chakraborty, M. Negahbani:</i> Generalized Center Problems with Outliers	<i>S. Liu:</i> Chain, Generalization of Covering Code, and Deterministic Algorithm for k -SAT	<i>S. Kiefer:</i> On Computing the Total Variation Distance of Hidden Markov Models	<i>E. Ben-Sasson, I. Bentov, Y. Horeh, M. Riabzev:</i> Fast Reed-Solomon Interactive Oracle Proofs of Proximity	14:50 – 15:10
<i>B. Gamlath, S. Huang, O. Svensson:</i> Semi-Supervised Algorithms for Approximately Optimal and Accurate Clustering	<i>A. Bogdanov:</i> Small bias requires large formulas	<i>S. Almagor, D. Chistikov, J. Ouaknine, J. Worrall:</i> O-Minimal Invariants for Linear Loops	<i>T. Gur, Y. Liu, R. Rothblum:</i> An Exponential Separation Between MA and AM Proofs of Proximity	15:15 – 15:35
<i>D. Chakraborty, Ch. Swamy:</i> Interpolating between k -Median and k -Center: Approximation Algorithms for Ordered k -Median	<i>A. Abboud, K. Bringmann:</i> Tighter Connections Between Formula-SAT and Shaving Logs	<i>J. Gajarský, S. Kreutzer, J. Nešetřil, P. Ossona de Mendez, M. Pilipczuk, S. Siebertz, S. Toruńczyk:</i> First-order interpretations of bounded expansion classes	<i>R. Gurjar, T. Thierauf, N. Vishnoi:</i> Isolating a Vertex via Lattices: Polytopes with Totally Unimodular Faces	15:40 – 16:00

Wednesday July 11

<p>Track A — Sun 1 chair <i>D. Marx</i></p> <p><i>J. Chen, D. Hermelin, M. Sorge, H. Yedidsion:</i> How hard is it to satisfy (almost) all roommates?</p> <p><i>J. Jeong, E. J. Kim, S.-I. Oum:</i> Finding branch-decompositions of matroids, hypergraphs, and more</p> <p><i>E. Eiben, I. Kanj:</i> How to navigate through obstacles?</p> <p><i>F. Reidl, M. Wahlström:</i> Parameterized Algorithms for Zero Extension and Metric Labelling Problems</p> <p><i>M. Xiao, H. Nagamochi:</i> BA: Bounded-Degree Bipartition is Fixed-Parameter Tractable</p> <p><i>A. Babay, M. Diniz, Z. Zhang:</i> BA: Characterizing Demand Graphs for (Fixed-Parameter) Shallow-Light Steiner Network</p>	<p>Track A — Sun 2 chair <i>S. Venkatasubramanian</i></p> <p><i>P. Bose, P. Carmi, V. Dujmović, S. Mehrabi, F. Montecchiani, P. Morin, L. Schultze:</i> Geodesic Obstacle Representation of Graphs</p> <p><i>P. Agarwal, H. Kaplan, M. Sharir:</i> Union of hypercubes and 3d Minkowski sums with random sizes</p> <p><i>T. Biedl, A. Biniaz, R. Cummings, A. Lubiw, F. Manea, D. Nowotka, J. Shaliti:</i> Rollercoasters and Caterpillars</p> <p><i>T. M. Chan, Y. Nekrich, S. Rahul, K. Tsakalidis:</i> Orthogonal Point Location and Rectangle Stabbing Queries in 3-d</p> <p><i>N. Mamano, D. Eppstein, M. Goodrich, G. Barquet:</i> Stable-Matching Voronoi Diagrams: Combinatorial Complexity and Algorithms</p>	<p>Track B — Earth chair <i>A. Kučera</i></p> <p><i>G. Sénizergues, A. Weiss:</i> The isomorphism problem for finite extensions of free groups is in PSPACE</p> <p><i>I. Klímán:</i> To Infinity and Beyond</p> <p><i>S.-K. Ko, R. Niskanen, I. Potapov:</i> On the Identity Problem for the Special Linear Group and the Heisenberg Group</p> <p><i>A. Grandjean, B. Hellouin de Menibus, P. Vanier:</i> Aperiodic Points in \mathbb{Z}^2-subshifts</p> <p><i>M. Hoyrup, D. Nava Saucedo, D. Stull:</i> Semicomputable geometry</p>	<p>Track C — Jupiter chair <i>G. Mertzios</i></p> <p><i>T. Harks, M. Hoefer, A. Huber, M. Surek:</i> Efficient Black-Box Reductions for Separable Cost Sharing</p> <p><i>V. Bilò, L. Moscardelli, C. Vinci:</i> Uniform Mixed Equilibria in Network Congestion Games with Link Failures</p> <p><i>G. Christodoulou, M. Gairing, Y. Giannakopoulos, P. Spirakis:</i> The Price of Stability of Weighted Congestion Games</p> <p><i>R. Colini-Baldeschi, M. Klimm, M. Scarsini:</i> Demand-Independent Optimal Tolls</p> <p><i>T. Kesselheim, B. Kodric:</i> Price of Anarchy for Mechanisms with Risk-Averse Agents</p>	<p>10:00 – 10:20</p> <p>10:25 – 10:45</p> <p>10:50 – 11:10</p> <p>11:15 – 11:35</p> <p>11:40 – 12:00</p>
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Track A — Sun 1 chair <i>D.-M. F. Eisenbrand</i> <i>F. Forin, P. Golovach,</i> <i>F. Panolani:</i> Parameterized Low-Rank Binary Matrix Approximation	Track A — Sun 2 chair <i>G.-F.-F. M. Farach-Colton</i> <i>Z. Huang, Z. G. Tang, X. Wu,</i> <i>Y. Zhang:</i> Online Vertex-Weighted Bipartite Matching: Beating $1 - 1/e$ with Random Arrivals	Track B — Earth chair <i>S. Lasota</i> <i>W. Czerwiński, P. Hofman,</i> <i>G. Zetsche:</i> Unboundedness problems for languages of vector addition systems	Track A — Jupiter chair <i>M. Jerrum</i> <i>P. Gregor, S. Jäger, T. Mütze,</i> <i>J. Sawada, K. Wille:</i> Gray codes and symmetric chains	13:30 – 13:50
<i>M. Lampis:</i> Finer Tight Bounds for Coloring on Clique-Width	<i>A. Gupta, R. Mehta,</i> <i>M. Molinaro:</i> Maximizing Profit with Convex Costs in the Random-order Model	<i>J. Leroux:</i> Polynomial Vector Addition Systems With States	<i>R. Arnon-Friedman, H. Yuén:</i> Noise-tolerant testing of high entanglement of formation	13:55 – 14:15
<i>D. Lokshmanov, Ramanujan M. S.,</i> <i>S. Saurabh, R. Sharma,</i> <i>M. Zehavi:</i> BA: Treewidth Modulator: Emergency Exit for DFVS	<i>B. Feldkord, M. Feldotto,</i> <i>A. Gupta, G. Guruganesh,</i> <i>A. Kumar, S. Riechers, D. Wajc:</i> Fully-Dynamic Bin Packing with Little Repacking	<i>S. Datta, A. Mukherjee,</i> <i>N. Vortmeier, T. Zeume:</i> Reachability and Distances under Multiple Changes	<i>Ch. Nirkhe, U. Vazirani, H. Yuén:</i> Approximate low-weight check codes and circuit lower bounds for noisy ground states	14:20 – 14:40
<i>S. Chaplick, M. De, A. Rausky,</i> <i>J. Spoerhase:</i> BA: Approximation Schemes for Geometric Coverage Problems	chair <i>M. Halldórsson</i> <i>H. Fu, J. Li, P. Xu:</i> A PTAS for a Class of Stochastic Dynamic Programs	chair <i>J.-F. Raskin</i> <i>J. Fearnley, M. Gairing,</i> <i>M. Mnich, R. Sawami:</i> Reachability Switching Games	chair <i>B. Patt-Shamir</i> <i>A. Bar-On, I. Dinur,</i> <i>O. Dunkelmann, R. Hod, N. Keller,</i> <i>E. Ronen, A. Shamir:</i> Tight Bounds on Online Checkpointing Algorithms	14:50 – 15:10
<i>A.-Bhaskara, et al. rescheduled</i> <i>F. Eisenbrand,</i> <i>C. Hunkenschroöder, K.-M. Klein:</i> Faster Algorithms for Integer Programs with Block Structure	<i>T. Soma, Y. Yoshida:</i> A New Approximation Guarantee for Monotone Submodular Function Maximization via Discrete Convexity	<i>L. Clemente, S. Lasota:</i> Binary reachability of timed pushdown automata via quantifier elimination	<i>B. Gärtner, T. D. Hansen,</i> <i>P. Hubáček, K. Král, H. Mosaad,</i> <i>V. Škřivová:</i> ARRIVAL: Next Stop in CLS	15:15 – 15:35
	<i>R. Ostrovsky, Y. Rabani,</i> <i>A. Yousefi:</i> Strictly Balancing Matrices in Polynomial Time Using Osborne's Iteration	<i>M. Fränzle, M. Shirmohammadi,</i> <i>M. Swaminathan, J. Worrell:</i> Costs and Rewards in Priced Timed Automata	<i>M. Carmosino, R. Impagliazzo,</i> <i>M. Sabini:</i> Fine-Grained Derandomization: From Problem-Centric Complexity to Resource-Centric Complexity	15:40 – 16:00

Thursday July 12

Track A — Sun 1 chair <i>S. Solomon</i>	Track A — Sun 2 chair <i>P. Pudlák</i>	Track B — Earth chair <i>M. Benedikt</i>	Track C — Jupiter chair <i>M. Gairing</i>	
<i>P. Gawrychowski, A. Karzmarz:</i> Improved Bounds for Shortest Paths in Dense Distance Graphs	<i>S. Chittara, et al. rescheduled</i> <i>M. Forbes, S. Ghosh, N. Saxena:</i> Towards blackbox identity testing of log-variate circuits	<i>A. Blumensath, F. Wolf:</i> Bisimulation Invariant Monadic-Second Order Logic in the Finite	<i>S. Dehghani, S. Ehsani, M. Hajiaghayi, V. Liaghat, S. Seddighin:</i> Greedy Algorithms for Online Survivable Network Design	10:00 – 10:20
<i>R. Duan, K. Lyu, Y. Xie:</i> Single-Source Bottleneck Path Algorithm Faster than Sorting for Sparse Graphs	<i>M. Forbes, et al. rescheduled</i> <i>A. Bhargale:</i> NP-hardness of coloring 2-colorable hypergraph with poly-logarithmically many colors	<i>Ramanujan M. S., D. Lokshitanov, S. Saurabh, M. Zehavi:</i> Reducing CMSO Model Checking to Highly Connected Graphs	<i>B. Aronov, G. Bar-On, M. Katz:</i> Resolving SINR Queries in a Dynamic Setting	10:25 – 10:45
<i>T. Bläsius, C. Freiberger, T. Friedrich, M. Katzmann, F. Montenegro-Retana, M. Thiéffry:</i> Efficient Shortest Paths in Scale-Free Networks with Underlying Hyperbolic Geometry	<i>L. Duraj, G. Gutowski, J. Kozik:</i> A note on two-colorability of nonuniform hypergraphs	<i>A. Atserias, S. Kreutzer, M. Noy:</i> On Zero-One and Convergence Laws for Graphs Embeddable on a Fixed Surface	<i>M. M. Halldórsson, G. Kortsarz, P. Mitra, T. Tonoyan:</i> Spanning Trees With Edge Conflicts and Wireless Connectivity	10:50 – 11:10
<i>R. Duan, H. Ren:</i> Approximating All-Pair Bounded-Leg Shortest Path and APSP-AF in Truly-Subcubic Time	<i>Z. Dvořák, K.-I. Kawarabayashi:</i> Additive non-approximability of chromatic number in proper minor-closed classes	<i>D. Kuske, N. Schweikardt:</i> Gaifman normal forms for counting extensions of first-order logic	<i>E. C. Akrida, G. Mertzios, P. Spirakis, V. Zamaraev:</i> Temporal Vertex Covers and Sliding Time Windows	11:15 – 11:35
<i>R. Duan, Y. Gu, L. Zhang:</i> Improved Time Bounds for All Pairs Non-decreasing Paths in General Digraphs	<i>A. Bhargale: rescheduled</i> <i>S. Chittara, N. Limaye, S. Srinivasan:</i> A Quadratic Size-Hierarchy Theorem for Small-Depth Multilinear Formulas	<i>M. Skrzypczak:</i> Unambiguous languages exhaust the index hierarchy	<i>M. Bateni, S. Behnezhad, M. Derakhshan, M. Hajiaghayi, V. Mirrokni:</i> BA: MapReduce Algorithms For Massive Trees <i>R. B. Basat, G. Einziger, R. Friedman:</i> BA: Give Me Some Slack: Efficient Network Measurements	11:40 – 12:00

Track A — Sun 1 chair <i>S.-L. D. Marr</i>	Track A — Sun 2 chair <i>M. Koucký</i>	Track B — Earth chair <i>S. Stanton</i>	Track C — Jupiter chair <i>G. Christodoulou</i>	
<i>A. Conway, M. Farach-Colton, P. Shilane:</i> Optimal Hashing in External Memory	<i>S. Ganguly, D. Woodruff:</i> High Probability Frequency Moment Sketches	Best paper of track B <i>D. Nowotka, A. Saarela:</i> An optimal bound on the solution sets of one-variable word equations and its consequences	<i>F. Chierichetti, S. Haddadani:</i> On the Complexity of Sampling Vertices Uniformly from a Graph	13:30 – 13:50
<i>A. Aamand, M. B. T. Knudsen, M. Thorup:</i> Power of d Choices with Simple Tabulation	<i>A. Blum, V. Braverman, A. Kumar, H. Lang, L. Yang:</i> Approximate Convex Hull of Data Streams	<i>M. Ganardi, D. Huckle, M. Lohrey:</i> Randomized sliding window algorithms for regular languages	<i>S. A. Amiri, S. Dudyycz, S. Schmid, S. Wiederrecht:</i> Congestion-Free Rerouting of Flows on DAGs	13:55 – 14:15
<i>D. Kane, S. Lovett, S. Moran:</i> Generalized comparison trees for point-location problems	<i>S. Golan, T. Kopelowitz, E. Porat:</i> Towards Optimal Approximate Streaming Pattern Matching by Matching Multiple Patterns in Multiple Streams	<i>T. Place, M. Zeitoun:</i> Separating without any ambiguity	<i>O. Kupferman, G. Vardi:</i> The Unfortunate-Flow Problem	14:20 – 14:40
<i>S. Walzer:</i> Load Thresholds for Cuckoo Hashing with Overlapping Blocks	<i>V. Braverman, E. Viola, D. P. Woodruff, L. Yang:</i> Revisiting Frequency Moment Estimation in Random Order Streams	<i>A. Amarilli, C. Paperman:</i> Constrained Topological Sorting		14:45 – 15:05
Awards session:				
15:45 – 16:15	ICALP Best Paper Awards Appointment of EATCS Fellows EATCS Distinguished Dissertation Award: <i>Bas Ketsman, Ilya Razenshtein, Aviad Rubinfeld</i>			
16:15 – 16:45	Presburger Award: <i>Alexander Mądry</i>			
16:45 – 17:15	EATCS Award: <i>Noam Nisan</i>			
17:15 – 17:45	Gödel Prize: <i>Oded Regev</i>			

Friday July 13

<p>Track A — Sun 1 chair <i>M. F.-C. S. Leonard</i></p> <p><i>M. Charikar, S. Solomon:</i> Fully Dynamic Almost-Maximal Matching: Breaking the Polynomial Worst-Case Time Barrier</p> <p><i>M. Arar, S. Chechik, S. Cohen, C. Stein, D. Wajc:</i> Dynamic Matching: Reducing Integral Algorithms to Approximately-Maximal Fractional Algorithms</p> <p><i>M. Gupta, A. Singh:</i> Generic Single Edge Fault Tolerant Exact Distance Oracle</p>	<p>Track A — Sun 2 chair <i>Z. Dvořák</i></p> <p><i>Z. K. Koh, L. Sanità:</i> Stabilizing Weighted Graphs</p>	<p>Track A — Earth chair <i>A. Bogdanov</i></p> <p><i>U. Feige, B. Patt-Shamir, S. Vardi:</i> On the Probe Complexity of Local Computation Algorithms</p>	<p>Track C — Jupiter chair <i>A. Schwarzmann</i></p> <p><i>S. Bouchard, Y. Dieudonne, A. Lamani:</i> Byzantine Gathering in Polynomial Time</p>	<p>10:00 – 10:20</p>
<p><i>M. Gupta, A. Singh:</i> Generic Single Edge Fault Tolerant Exact Distance Oracle</p>	<p><i>L. S. Chandran, D. Issac, Y. K. Cheung:</i> Spanning Tree Congestion and Computation of Generalized Györi-Lovász Partition</p>	<p><i>H. Fichtenberger, R. Levi, Y. Vasudev, M. Wötzek:</i> A Sublinear Tester for Outerplanarity (and Other Forbidden Minors) With One-Sided Error</p> <p><i>C. Lenzen, R. Levi:</i> A Centralized Local Algorithm for the Sparse Spanning Graph Problem</p>	<p><i>M. Parter:</i> ($\Delta + 1$) Coloring in the Congested Clique Model</p>	<p>10:25 – 10:45</p>
<p><i>K. Onak, B. Schieber, S. Solomon, N. Wein:</i> Fully Dynamic MIS in Uniformly Sparse Graphs</p>	<p><i>A. Aamand, N. Hjuler, J. Holm, E. Rotenberg:</i> One-Way Trail Orientations</p>	<p><i>F. Eisenbrand, et al.</i> rescheduled <i>A. Bhaskara, S. Daruki, S. Venkatasubramanian:</i> Sublinear Algorithms for MAXCUT and Correlation Clustering</p>	<p><i>F. Malmann-Trenn, C. Musco, C. Musco:</i> Eigenvector Computation and Community Detection in Asynchronous Gossip Models</p>	<p>10:50 – 11:10</p>
<p><i>S. Har-Peled, P. Indyk, S. Mahabadi:</i> Approximate Sparse Linear Regression</p>	<p><i>A. Adamaszek, M. Mnich, K. Paluch:</i> New Approximation Algorithms for (1,2)-TSP</p>	<p><i>I. Diakonikolas, T. Gouleakis, J. Peebles, E. Price:</i> Sample-Optimal Identity Testing with High Probability</p>	<p><i>O. Grossman, B. Haeupler, S. Mohanty:</i> Improved Algorithms for the Noisy Broadcast Model under Erasures</p>	<p>11:15 – 11:35</p>
<p><i>V. Nakos, X. Shi, D. P. Woodruff, H. Zhang:</i> Improved Algorithms for Adaptive Compressed Sensing</p>	<p><i>D. Bilò:</i> New algorithms for Steiner tree reoptimization</p>	<p><i>A. Bhattacharyya, S. Ghoshal, Karthik C. S. and P. Manurangsi:</i> Parameterized Intractability of Even Set and Shortest Vector Problem from Gap-ETH</p>	<p><i>E. Ben-Sasson, E. Saig:</i> BA: Collaborative Discovery: A study of Guru-Follower dynamics</p> <p><i>S. Das, D. Dereniowski, P. Uznański:</i> BA: Energy Constrained Depth First Search</p>	<p>11:40 – 12:00</p>

Track A — Sun 1 chair <i>F.-E. D. Štefankovič</i> <i>H. Guo, M. Jerrum:</i> Perfect Simulation of the Hard Disks Model by Partial Rejection Sampling	Track A — Sun 2 chair <i>P. Golovach</i> <i>S.-W. Cheng, Y. Mao:</i> Restricted Max-Min Fair Allocation	Track A — Earth chair <i>M. Koucký</i> <i>K. Hayashi:</i> A Polynomial Time Algorithm to Compute Geodesics in CAT(0) Cubical Complexes	Track C — Jupiter chair <i>M. Mosteiro</i> <i>M. Ando, A. Ljisyanskaja,</i> <i>E. Upfal:</i> Practical and Provably Secure Onion Routing	13:30 – 13:50
<i>P. Gawrychowski, L. Markin,</i> <i>O. Weimann:</i> A Faster FPTAS for #Knapsack	<i>A. Gupta, A. Kumar, J. Li:</i> Non-Preemptive Flow-Time Minimization via Rejections	<i>M. Backens:</i> A complete dichotomy for complex-valued Holant ^c	<i>S. Patel, G. Persiano, K. Yeo:</i> CacheShuffle: A Family of Oblivious Shuffles	13:55 – 14:15
chair <i>C. Kallamánis</i> and <i>D. Marr</i>				
Best paper of track C <i>D. Kowalski, M. A. Mosteiro:</i> Polynomial Counting in Anonymous Dynamic Networks with Applications to Anonymous Dynamic Algebraic Computations				14:45 – 15:05
Best student paper of track A <i>S. Gary:</i> Quasi-PTAS for Scheduling with Precedences using LP Hierarchies				15:10 – 15:30
Best paper of track A <i>H. Guo, M. Jerrum:</i> A polynomial-time approximation algorithm for all-terminal network reliability				15:35 – 15:55