References

[1] Eric Allender, Dhiraj Holden, and Valentine Kabanets. The minimum oracle circuit size problem. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 21–33. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[2] Saeed Akhoondian Amiri, Łukasz Kaiser, Stephan Kreutzer, Roman Rabinovich, and Sebastian Siebertz. Graph searching games and width measures for directed graphs. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 34–47. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[3] Sanjeev Arora. Overcoming intractability in unsupervised learning. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 1–1. Dagstuhl Publishing, Saarbrücken/Wadern, 2015. Invited Talk.

[4] Per Austrin, Petteri Kaski, Mikko Koivisto, and Jesper Nederlof. Subset sum in the absence of concentration. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 48–61. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[5] Martin Avanzini and Ugo Dal Lago. On sharing, memoization, and polynomial time. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March

4-7, 2015), volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 62–75. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[6] Olaf Beyersdorff, Leroy Chew, and Mikoláš Janota. Proof complexity of resolution-based qbf calculi. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 76–89. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[7] Sayan Bhattacharya, Wolfgang Dvořák, Monika Henzinger, and Martin Starnberger. Welfare maximization with friends-of-friends network externalities. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 90–102. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[8] Manuel Bodirsky. The complexity of constraint satisfaction problems. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 2–9. Dagstuhl Publishing, Saarbrücken/Wadern, 2015. Invited Talk.

[9] Endre Boros, Khaled Elbassioni, Vladimir Gurvich, and Kazuhisa Makino. Markov decision processes and stochastic games with total effective payoff. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 103–115. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[10] Joan Boyar, Lene M. Favrholdt, Christian Kudahl, and Jesper W. Mikkelsen. Advice complexity for a class of online problems. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd*

International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015), volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 116–129. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[11] Felix Brandt. Computational social choice. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 19–19. Dagstuhl Publishing, Saarbrücken/Wadern, 2015. Tutorial.

[12] Vasco Brattka, Guido Gherardi, and Rupert Hölzl. Las vegas computability and algorithmic randomness. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 130–142. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[13] Johann Brault-Baron, Florent Capelli, and Stefan Mengel. Understanding model counting for β-acyclic cnf-formulas. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 143–156. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[14] Karl Bringmann, Danny Hermelin, Matthias Mnich, and Erik Jan van Leeuwen. Parameterized complexity dichotomy for steiner multicut. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 157–170. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[15] Tobias Brunsch, Anna Großwendt, and Heiko Röglin. Solving totally unimodular lps with the shadow vertex algorithm. In Ernst W. Mayr and

Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 171–183. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[16] Norbert Bus, Shashwat Garg, Nabil H. Mustafa, and Saurabh Ray. Improved local search for geometric hitting set. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 184–196. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[17] Jean Cardinal, Michael Hoffmann, Vincent Kusters, Csaba D. Tóth, and Manuel Wettstein. Arc diagrams, flip distances, and hamiltonian triangulations. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 197–210. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[18] Pablo Castro, Cecilia Kilmurray, and Nir Piterman. Tractable probabilistic μ-calculus that expresses probabilistic temporal logics. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 211–223. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[19] Arkadev Chattopadhyay and Sagnik Mukhopadhyay. Tribes is hard in the message passing model. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 224–237. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[20] Markus Chimani and Joachim Spoerhase. Network design problems with bounded distances via shallow-light steiner trees. In Ernst W. Mayr and

Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 238–248. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[21] Thomas Colcombet and Amaldev Manuel. Combinatorial expressions and lower bounds. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 249–261. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[22] Martin Delacourt and Benjamin Hellouin de Ménibus. Construction of μ-limit sets of two-dimensional cellular automata. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 262–274. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[23] Irit Dinur, Prahladh Harsha, Srikanth Srinivasan, and Girish Varma. Derandomized graph product results using the low degree long code. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 275–287. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[24] Amr Elmasry, Torben Hagerup, and Frank Kammer. Space-efficient basic graph algorithms. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 288–301. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[25] Henning Fernau, Florin Manea, Robert Mercaş, and Markus L. Schmid. Pattern matching with variables: Fast algorithms and new hardness re-

sults. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 302–315. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[26] Takuro Fukunaga. Approximating the generalized terminal backup problem via half-integral multiflow relaxation. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 316–328. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[27] Esther Galby, Joël Ouaknine, and James Worrell. On matrix powering in low dimensions. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 329–340. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[28] Bernd Gärtner and Antonis Thomas. The complexity of recognizing unique sink orientations. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 341–353. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[29] Archontia C. Giannopoulou and George B. Mertzios. New geometric representations and domination problems on tolerance and multitolerance graphs. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 354–366. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[30] Andrew V. Goldberg, Haim Kaplan, Sagi Hed, and Robert E. Tarjan. Minimum cost flows in graphs with unit capacities. In Ernst W. Mayr

and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 406–419. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[31] Paul W. Goldberg. Algorithmic game theory. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 20–20. Dagstuhl Publishing, Saarbrücken/Wadern, 2015. Tutorial.

[32] Anaël Grandjean and Victor Poupet. Comparing 1d and 2d real time on cellular automata. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 367–378. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[33] Dima Grigoriev and Vladimir V. Podolskii. Tropical effective primary and dual nullstellensätze. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 379–391. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[34] Jan Hazla and Thomas Holenstein. Upper tail estimates with combinatorial proofs. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 392–405. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[35] Jacob Holm and Eva Rotenberg. Dynamic planar embeddings of dynamic graphs. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects*

of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015), volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 434–446. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[36] Rupert Hölzl, Sanjay Jain, and Frank Stephan. Inductive inference and reverse mathematics. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 420–433. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[37] Mathieu Hoyrup and Cristóbal Rojas. On the information carried by programs about the objects they compute. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 447–459. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[38] Zengfeng Huang, Božidar Radunović, Milan Vojnović, and Qin Zhang. Communication complexity of approximate matching in distributed graphs. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 460–473. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[39] Sungjin Im, Benjamin Moseley, and Kirk Pruhs. Stochastic scheduling of heavy-tailed jobs. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 474–486. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[40] Jesper Jansson, Zhaoxian Li, and Wing-Kin Sung. On finding the adams consensus tree. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects*

of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015), volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 487–499. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[41] Iyad Kanj and Ge Xia. Flip distance is in fpt time $\wr(n + k \cdot c^k)$. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 500–512. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[42] Telikepalli Kavitha. New pairwise spanners. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 513–526. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[43] Neeraj Kayal and Chandan Saha. Multi-k-ic depth three circuit lower bound. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 527–539. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[44] Pavel Klavík and Peter Zeman. Automorphism groups of geometrically represented graphs. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 540–553. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[45] Philip N. Klein, Claire Mathieu, and Hang Zhou. Correlation clustering and two-edge-connected augmentation for planar graphs. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science,*

STACS'2015 (Garching, Germany, March 4-7, 2015), volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 554–567. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[46] Stavros G. Kolliopoulos and Yannis Moysoglou. Extended formulation lower bounds via hypergraph coloring? In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 568–581. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[47] Dmitry Kosolobov. Lempel-ziv factorization may be harder than computing all runs. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 582–593. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[48] Andreas Krebs, Klaus-Jörn Lange, and Michael Ludwig. Visibly counter languages and constant depth circuits. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 594–607. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[49] Jakub Łącki and Piotr Sankowski. Optimal decremental connectivity in planar graphs. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 608–621. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[50] Angsheng Li and Pan Peng. Testing small set expansion in general graphs. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*,

volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 622–635. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[51] Alejandro López-Ortiz, Marc P. Renault, and Adi Rosén. Paid exchanges are worth the price. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 636–648. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[52] Turlough Neary. Undecidability in binary tag systems and the post correspondence problem for five pairs of words. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 649–661. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[53] Thomas Place and Marc Zeitoun. Separation and the successor relation. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 662–675. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[54] Peter Sanders. Parallel algorithms reconsidered. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 10–18. Dagstuhl Publishing, Saarbrücken/Wadern, 2015. Invited Talk.

[55] Andreas Schmid and Jens M. Schmidt. Computing 2-walks in polynomial time. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 676–688. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[56] Pascal Schweitzer. Towards an isomorphism dichotomy for hereditary graph classes. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 689–702. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[57] Till Tantau. Existential second-order logic over graphs: A complete complexity-theoretic classification. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 703–715. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[58] Shai Vardi. The returning secretary. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 716–729. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[59] Marcin Wrochna. Homomorphism reconfiguration via homotopy. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 730–742. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.

[60] Georg Zetzsche. Computing downward closures for stacked counter automata. In Ernst W. Mayr and Nicolas Ollinger, editors, *Proceedings of the 32nd International Symposium on Theoretical Aspects of Computer Science, STACS'2015 (Garching, Germany, March 4-7, 2015)*, volume 30 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 743–756. Dagstuhl Publishing, Saarbrücken/Wadern, 2015.