References

[1] Dimitris Achlioptas. Algorithmic barriers from phase transitions in graphs. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 1–1. Springer-Verlag, Berlin-Heidelberg, 2010.

[2] Isolde Adler, Binh-Minh Bui-Xuan, Yuri Rabinovich, Gabriel Renault, Jan Arne Telle, and et al. On the boolean-width of a graph: Structure and applications. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 159–170. Springer-Verlag, Berlin-Heidelberg, 2010.

[3] Karin Arikushi, Radoslav Fulek, Baláazs Keszegh, Filip Morić, and Csaba D. Tóth. Graphs that admit right angle crossing drawings. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 135–146. Springer-Verlag, Berlin-Heidelberg, 2010.

[4] Annabell Berger and Matthias Müller-Hannemann. Uniform sampling of digraphs with a fixed degree sequence. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 220–231. Springer-Verlag, Berlin-Heidelberg, 2010.

[5] René van Bevern, Christian Komusiewicz, Hannes Moser, and Rolf Niedermeier. Measuring indifference: Unit interval vertex deletion. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 232–243. Springer-Verlag, Berlin-Heidelberg, 2010.

[6] Nicolas Bonichon, Cyril Gavoille, Nicolas Hanusse, and David Ilcinkas. Connections between theta-graphs, delaunay triangulations, and orthogonal surfaces. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th*

International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010), volume 6410 of *LNCS*, pages 266–278. Springer-Verlag, Berlin-Heidelberg, 2010.

[7] Hajo Broersma, Petr A. Golovach, Daniël Paulusma, and Jian Song. Narrowing down the gap on the complexity of coloring p_k-free graphs. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 63–74. Springer-Verlag, Berlin-Heidelberg, 2010.

[8] Jérémie Chalopin, Paola Flocchini, Bernard Mans, and Nicola Santoro. Network exploration by silent and oblivious robots. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 208–219. Springer-Verlag, Berlin-Heidelberg, 2010.

[9] Steven Chaplick, Marisa Gutierrez, Benjamin Lévêque, and Silvia B. Tondato. From path graphs to directed path graphs. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 256–265. Springer-Verlag, Berlin-Heidelberg, 2010.

[10] Marek Cygan, Marcin Pilipczuk, Michał Pilipczuk, and Jakub Onufry Wojtaszczyk. Kernelization hardness of connectivity problems in d-degenerate graphs. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 147–158. Springer-Verlag, Berlin-Heidelberg, 2010.

[11] Konrad Dabrowski, Vadim Lozin, Rajiv Raman, and Bernard Ries. Colouring vertices of triangle-free graphs. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 184–195. Springer-Verlag, Berlin-Heidelberg, 2010.

[12] Erik D. Demaine. Algorithmic graph minors and bidimensionality. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 2–2. Springer-Verlag, Berlin-Heidelberg, 2010.

[13] Frederic Dorn, Hannes Moser, Rolf Niedermeier, and Mathias Weller. Efficient algorithms for eulerian extension. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 100–111. Springer-Verlag, Berlin-Heidelberg, 2010.

[14] Robert Elsässer and Adrian Ogierman. Efficient broadcasting in random power law networks. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 279–291. Springer-Verlag, Berlin-Heidelberg, 2010.

[15] Mike Fellows, Panos Giannopoulos, Christian Knauer, Christophe Paul, Frances Rosamond, and et al. Milling a graph with turn costs: A parameterized complexity perspective. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 123–134. Springer-Verlag, Berlin-Heidelberg, 2010.

[16] Tamás Fleiner. On stable matchings and flows. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 51–62. Springer-Verlag, Berlin-Heidelberg, 2010.

[17] Petr A. Golovach, Dieter Kratsch, and Jean-Francois Couturier. Colorings with few colors: Counting, enumeration and combinatorial bounds. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 39–50. Springer-Verlag, Berlin-Heidelberg, 2010.

[18] Pinar Heggernes, Pim van át Hof, Daniel Lokshtanov, and Jesper Nederlof. Computing the cutwidth of bipartite permutation graphs in linear time. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 75–87. Springer-Verlag, Berlin-Heidelberg, 2010.

[19] Pinar Heggernes, Daniel Lokshtanov, Jesper Nederlof, Christophe Paul, and Jan Arne Telle. Generalized graph clustering: Recognizing (p,q)-cluster graphs. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 171–183. Springer-Verlag, Berlin-Heidelberg, 2010.

[20] Kyriaki Ioannidou and Stavros D. Nikolopoulos. The longest path problem is polynomial on cocomparability graphs. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 27–38. Springer-Verlag, Berlin-Heidelberg, 2010.

[21] Marcin Kamiński. Max-cut éand containment relations in graphs. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 15–26. Springer-Verlag, Berlin-Heidelberg, 2010.

[22] Mathieu Liedloff, Ioan Todinca, and Yngve Villanger. Solving capacitated dominating set by using covering by subsets and maximum matching. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 88–99. Springer-Verlag, Berlin-Heidelberg, 2010.

[23] Dániel Marx and Ildikó Schlotter. Parameterized complexity of the arc-preserving subsequence problem. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 244–255. Springer-Verlag, Berlin-Heidelberg, 2010.

[24] Jannik Matuschke and Britta Peis. Lattices and maximum flow algorithms in planar graphs. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 324–335. Springer-Verlag, Berlin-Heidelberg, 2010.

[25] Colin McDiarmid and Tobias Müller. The number of bits needed to represent a unit disk graph. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 315–323. Springer-Verlag, Berlin-Heidelberg, 2010.

[26] Padmini Mukkamala, János Pach, and Deniz Sarıöz. Graphs with large obstacle numbers. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 292–303. Springer-Verlag, Berlin-Heidelberg, 2010.

[27] Yota Otachi, Hans L. Bodlaender, and Erik Jan van Leeuwen. Complexity results for the spanning tree congestion problem. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 3–14. Springer-Verlag, Berlin-Heidelberg, 2010.

[28] Geevarghese Philip, Venkatesh Raman, and Yngve Villanger. A quartic kernel for pathwidth-one vertex deletion. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 196–207. Springer-Verlag, Berlin-Heidelberg, 2010.

[29] Edyta Szymańska. The complexity of vertex coloring problems in uniform hypergraphs with high degree. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 304–314. Springer-Verlag, Berlin-Heidelberg, 2010.

[30] Ge Xia and Yong Zhang. On the small cycle transversal of planar graphs. In Dimitrios M. Thilikos, editor, *Proceedings of the 36th International Workshop on Graph-Theoretic Concepts in Computer Science, WG'2010 (Zarós, Crete, Greece, June 28-30, 2010)*, volume 6410 of *LNCS*, pages 112–122. Springer-Verlag, Berlin-Heidelberg, 2010.