

References

- [1] Nieves Atienza, Natalia de Castro, Carmen Cortés, M. Ángeles Garrido, Clara I. Grima, Gregorio Hernández, Alberto Márquez, Auxiliadora Moreno, Martin Nöllenburg, José Ramon Portillo, Pedro Reyes, Jesús Valenzuela, Maria Trinidad Villar, and Alexander Wolff. Cover contact graphs. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 171–182. Springer-Verlag, Berlin-Heidelberg, 2008.
- [2] Christian Bachmaier, Wolfgang Brunner, and Christof König. Cyclic level planarity testing and embedding. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 50–61. Springer-Verlag, Berlin-Heidelberg, 2008.
- [3] Michael Baur and Ulrik Brandes. Multi-circular layout of micro/macro graphs. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 255–267. Springer-Verlag, Berlin-Heidelberg, 2008.
- [4] Michael A. Bekos, Michael Kaufmann, Katerina Potika, and Antonios Symvonis. Line crossing minimization on metro maps. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 231–242. Springer-Verlag, Berlin-Heidelberg, 2008.
- [5] Marc Benkert, Herman Haverkort, Moritz Kroll, and Martin Nöllenburg. Algorithms for multi-criteria one-sided boundary labeling. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 243–254. Springer-Verlag, Berlin-Heidelberg, 2008.
- [6] Carla Binucci, Walter Didimo, and Francesco Giordano. Maximum upward planar subgraphs of embedded planar digraphs. In Seok-Hee

- Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 195–206. Springer-Verlag, Berlin-Heidelberg, 2008.
- [7] Kristis Boitmanis, Ulrik Brandes, and Christian Pich. Visualizing internet evolution on the autonomous systems level. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 365–376. Springer-Verlag, Berlin-Heidelberg, 2008.
- [8] Jakub Černý, Jan Kynčl, and Géza Tóth. Improvement on the decay of crossing numbers. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 25–30. Springer-Verlag, Berlin-Heidelberg, 2008.
- [9] Norishige Chiba. Large-scale graphics: Digital nature and laser projection. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 2–2. Springer-Verlag, Berlin-Heidelberg, 2008.
- [10] Markus Chimani, Petra Mutzel, and Jens M. Schmidt. Efficient extraction of multiple kuratowski subdivisions. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 159–170. Springer-Verlag, Berlin-Heidelberg, 2008.
- [11] Hubert de Fraysseix, Patrice Ossona de Mendez, and Pierre Rosenstiehl. Representation of planar hypergraphs by contacts of triangles. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 125–136. Springer-Verlag, Berlin-Heidelberg, 2008.
- [12] Giuseppe Di Battista and Fabrizio Frati. Efficient c-planarity testing for embedded flat clustered graphs with small faces. In Seok-Hee Hong and

- Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 291–302. Springer-Verlag, Berlin-Heidelberg, 2008.
- [13] Emilio Di Giacomo, Walter Didimo, Giuseppe Liotta, Henk Meijer, and Stephen Wismath. Point-set embedding of trees with edge constraints. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 113–124. Springer-Verlag, Berlin-Heidelberg, 2008.
- [14] Emilio Di Giacomo, Walter Didimo, Marc van Kreveld, Giuseppe Liotta, and Bettina Speckmann. Matched drawings of planar graphs. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 183–194. Springer-Verlag, Berlin-Heidelberg, 2008.
- [15] Emilio Di Giacomo, Giuseppe Liotta, and Francesco Trotta. Drawing colored graphs with constrained vertex positions and few bends per edge. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 315–326. Springer-Verlag, Berlin-Heidelberg, 2008.
- [16] Christian A. Duncan, Stephen G. Kobourov, and Georg Sander. Graph drawing contest report. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 395–400. Springer-Verlag, Berlin-Heidelberg, 2008.
- [17] Tim Dwyer and Kim Marriott. Constrained stress majorization using diagonally scaled gradient projection. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 219–230. Springer-Verlag, Berlin-Heidelberg, 2008.

- [18] Alejandro Estrella-Balderrama, Elisabeth Gassner, Michael Jünger, Merijam Percan, Marcus Schaefer, and Michael Schulz. Simultaneous geometric graph embeddings. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 280–290. Springer-Verlag, Berlin-Heidelberg, 2008.
- [19] Hazel Everett, Sylvain Lazard, Giuseppe Liotta, and Stephen Wismath. Universal sets of n points for 1-bend drawings of planar graphs with n vertices. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 345–351. Springer-Verlag, Berlin-Heidelberg, 2008.
- [20] J. Joseph Fowler and Stephen Kobourov. Minimum level nonplanar patterns for trees. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 69–75. Springer-Verlag, Berlin-Heidelberg, 2008.
- [21] J. Joseph Fowler and Stephen G. Kobourov. Characterization of unlabeled level planar graphs. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 37–49. Springer-Verlag, Berlin-Heidelberg, 2008.
- [22] Jacob Fox, János Pach, and Csaba D. Tóth. A bipartite strengthening of the crossing lemma. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 13–24. Springer-Verlag, Berlin-Heidelberg, 2008.
- [23] Fabrizio Frati. Straight-line orthogonal drawings of binary and ternary trees. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 76–87. Springer-Verlag, Berlin-Heidelberg, 2008.
- [24] Fabrizio Frati, Michael Kaufmann, and Stephen G. Kobourov. Constrained simultaneous and near-simultaneous embeddings. In Seok-Hee

- Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 268–279. Springer-Verlag, Berlin-Heidelberg, 2008.
- [25] Fabrizio Frati and Maurizio Patrignani. A note on minimum-area straight-line drawings of planar graphs. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 339–344. Springer-Verlag, Berlin-Heidelberg, 2008.
- [26] Xavier Goaoc, Jan Kratochvíl, Yoshio Okamoto, Chan-Su Shin, and Alexander Wolff. Moving vertices to make drawings plane. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 101–112. Springer-Verlag, Berlin-Heidelberg, 2008.
- [27] Robert Görke, Marco Gaertler, and Dorothea Wagner. Lunarvis — analytic visualizations of large graphs. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 352–364. Springer-Verlag, Berlin-Heidelberg, 2008.
- [28] Martin Harrigan and Patrick Healy. Practical level planarity testing and layout with embedding constraints. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 62–68. Springer-Verlag, Berlin-Heidelberg, 2008.
- [29] Eva Jelínková, Jan Kára, Jan Kratochvíl, Martin Pergel, Ondřej Suchý, and Tomáš Vyskočil. Clustered planarity: Small clusters in eulerian graphs. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 303–314. Springer-Verlag, Berlin-Heidelberg, 2008.

- [30] Michael Kaufmann. Polynomial area bounds for mst embeddings of trees. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 88–100. Springer-Verlag, Berlin-Heidelberg, 2008.
- [31] Marcus Krug and Dorothea Wagner. Minimizing the area for planar straight-line grid drawings. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 207–212. Springer-Verlag, Berlin-Heidelberg, 2008.
- [32] Jan Kynčl. The complexity of several realizability problems for abstract topological graphs. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 137–158. Springer-Verlag, Berlin-Heidelberg, 2008.
- [33] Brendan D. McKay. Computing symmetries of combinatorial objects. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 1–1. Springer-Verlag, Berlin-Heidelberg, 2008.
- [34] Lev Nachmanson, George Robertson, and Bongshin Lee. Drawing graphs with glee. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 389–394. Springer-Verlag, Berlin-Heidelberg, 2008.
- [35] Michael J. Pelsmajer, Marcus Schaefer, and Daniel Štefankovič. Crossing number of graphs with rotation systems. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 3–12. Springer-Verlag, Berlin-Heidelberg, 2008.
- [36] Michael J. Pelsmajer, Marcus Schaefer, and Daniel Štefankovič. Crossing numbers and parameterized complexity. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on*

Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007), volume 4875 of *LNCS*, pages 31–36. Springer-Verlag, Berlin-Heidelberg, 2008.

- [37] Jan Štola. Colorability in orthogonal graph drawing. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 327–338. Springer-Verlag, Berlin-Heidelberg, 2008.
- [38] Vassilis Tsiaras, Sofia Triantafilou, and Ioannis G. Tollis. Treemaps for directed acyclic graphs. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 377–388. Springer-Verlag, Berlin-Heidelberg, 2008.
- [39] Huaming Zhang and Sadish Sadasivam. On planar polyline drawings. In Seok-Hee Hong and Takao Nishizeki, editors, *Proceedings of the 15th International Symposium on Graph Drawing, GD'2007 (Sydney, Australia, September 24-26, 2007)*, volume 4875 of *LNCS*, pages 213–218. Springer-Verlag, Berlin-Heidelberg, 2008.