

References

- [1] Benjamin Albrecht, Philip Effinger, Markus Held, Michael Kaufmann, and Stephan Kottler. Visualization of complex bpel models. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 421–423. Springer-Verlag, Berlin-Heidelberg, 2010.
- [2] Mario Albrecht, Andreas Kerren, Karsten Klein, Oliver Kohlbacher, Petra Mutzel, Wolfgang Paul, Falk Schreiber, and Michael Wybrow. On open problems in biological network visualization. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 256–267. Springer-Verlag, Berlin-Heidelberg, 2010.
- [3] Patrizio Angelini, Luca Cittadini, Giuseppe Di Battista, Walter Didimo, Fabrizio Frati, Michael Kaufmann, and Antonios Symvonis. On the perspectives opened by right angle crossing drawings. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 21–32. Springer-Verlag, Berlin-Heidelberg, 2010.
- [4] Patrizio Angelini, Giuseppe Di Battista, and Fabrizio Frati. Succinct greedy drawings do not always exist. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 171–182. Springer-Verlag, Berlin-Heidelberg, 2010.
- [5] Patrizio Angelini, Fabrizio Frati, and Maurizio Patrignani. Splitting clusters to get c-planarity. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 57–68. Springer-Verlag, Berlin-Heidelberg, 2010.

- [6] Melanie Badent, Michael Baur, Ulrik Brandes, and Sabine Cornelsen. Leftist canonical ordering. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 159–170. Springer-Verlag, Berlin-Heidelberg, 2010.
- [7] Lali Barri‘ere and Clemens Huemer. 4-labelings and grid embeddings of plane quadrangulations. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 413–414. Springer-Verlag, Berlin-Heidelberg, 2010.
- [8] Therese Biedl. Small drawings of series-parallel graphs and other subclasses of planar graphs. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 280–291. Springer-Verlag, Berlin-Heidelberg, 2010.
- [9] Therese Biedl and Lesvia Elena Ruiz Velázquez. Drawing planar 3-trees with given face-areas. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 316–322. Springer-Verlag, Berlin-Heidelberg, 2010.
- [10] Carla Binucci, Ulrik Brandes, Giuseppe Di Battista, Walter Didimo, Marco Gaertler, Pietro Palladino, Maurizio Patrignani, Antonios Symvonis, and Katharina Zweig. Drawing trees in a streaming model. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 292–303. Springer-Verlag, Berlin-Heidelberg, 2010.
- [11] Ulrik Brandes and Christian Pich. More flexible radial layout. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 107–118. Springer-Verlag, Berlin-Heidelberg, 2010.

- [12] Stina Bridgeman. Using high dimensions to compare drawings of graphs. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 408–410. Springer-Verlag, Berlin-Heidelberg, 2010.
- [13] Kevin Buchin, Marc van Kreveld, Henk Meijer, Bettina Speckmann, and Kevin Verbeek. On planar supports for hypergraphs. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 345–356. Springer-Verlag, Berlin-Heidelberg, 2010.
- [14] Sergio Cabello, Marc van Kreveld, Giuseppe Liotta, Henk Meijer, Bettina Speckmann, and Kevin Verbeek. Geometric simultaneous embeddings of a graph and a matching. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 183–194. Springer-Verlag, Berlin-Heidelberg, 2010.
- [15] Markus Chimani, Carsten Gutwenger, Petra Mutzel, and Hoi-Ming Wong. Upward planarization layout. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 94–106. Springer-Verlag, Berlin-Heidelberg, 2010.
- [16] Emilio Di Giacomo, Walter Didimo, Giuseppe Liotta, and Henk Meijer. Area, curve complexity, and crossing resolution of non-planar graph drawings. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 15–20. Springer-Verlag, Berlin-Heidelberg, 2010.
- [17] Adrian Dumitrescu, János Pach, and Géza Tóth. Drawing hamiltonian cycles with no large angles. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*,

- volume 5849 of *LNCS*, pages 3–14. Springer-Verlag, Berlin-Heidelberg, 2010.
- [18] Christian A. Duncan, Michael T. Goodrich, and Stephen G. Kobourov. Planar drawings of higher-genus graphs. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD’2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 45–56. Springer-Verlag, Berlin-Heidelberg, 2010.
 - [19] Christian A. Duncan, Carsten Gutwenger, Lev Nachmanson, and Georg Sander. Graph drawing contest report. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD’2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 428–433. Springer-Verlag, Berlin-Heidelberg, 2010.
 - [20] Tim Dwyer and Lev Nachmanson. Fast edge-routing for large graphs. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD’2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 147–158. Springer-Verlag, Berlin-Heidelberg, 2010.
 - [21] Tim Dwyer and George Robertson. Layout with circular and other non-linear constraints using procrustes projection. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD’2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 393–404. Springer-Verlag, Berlin-Heidelberg, 2010.
 - [22] Peter Eades, Seok-Hee Hong, and Sheung-Hung Poon. On rectilinear drawing of graphs. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD’2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 232–243. Springer-Verlag, Berlin-Heidelberg, 2010.
 - [23] Philip Effinger and Gero Decker. Layout techniques coupled with web2.0-based business process modeling. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD’2009 (Chicago, Illinois, USA, September*

22-25, 2009), volume 5849 of *LNCS*, pages 417–418. Springer-Verlag, Berlin-Heidelberg, 2010.

- [24] Ioannis Z. Emiris, Elias P. Tsigaridas, and Antonios E. Varvitsiotis. Algebraic methods for counting euclidean embeddings of rigid graphs. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 195–200. Springer-Verlag, Berlin-Heidelberg, 2010.
- [25] Alejandro Estrella-Balderrama, J. Joseph Fowler, and Stephen G. Kobourov. On the characterization of level planar trees by minimal patterns. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 69–80. Springer-Verlag, Berlin-Heidelberg, 2010.
- [26] J. Joseph Fowler. Characterization of unlabeled radial level planar graphs. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 81–93. Springer-Verlag, Berlin-Heidelberg, 2010.
- [27] Emden R. Gansner, Yifan Hu, and Stephen G. Kobourov. Gmap: Drawing graphs as maps. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 405–407. Springer-Verlag, Berlin-Heidelberg, 2010.
- [28] Brynjar Gretarsson, Svetlin Bostandjiev, John O'Donovan, and Tobias Höllerer. Wigis: A framework for scalable web-based interactive graph visualizations. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 119–134. Springer-Verlag, Berlin-Heidelberg, 2010.
- [29] Vít Jelínek, Eva Jelínková, Jan Kratochvíl, Bernard Lidický, Marek Tesař, and Tomáš Vyskočil. The planar slope number of planar partial 3-trees of bounded degree. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Draw-*

ing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009), volume 5849 of *LNCS*, pages 304–315. Springer-Verlag, Berlin-Heidelberg, 2010.

- [30] Jerome Joubert, Stephane Lizeray, Romain Raugi, and Georg Sander. Ibm ilog graph layout for eclipse. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 415–416. Springer-Verlag, Berlin-Heidelberg, 2010.
- [31] Bastian Katz, Marcus Krug, Ignaz Rutter, and Alexander Wolff. Manhattan-geodesic embedding of planar graphs. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 207–218. Springer-Verlag, Berlin-Heidelberg, 2010.
- [32] Michael Kaufmann and Stephan Kottler. Proving or disproving planar straight-line embeddability onto given rectangles. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 419–420. Springer-Verlag, Berlin-Heidelberg, 2010.
- [33] Karsten Klein, Nils Kriege, Petra Mutzel, Herbert Waldmann, and Stefan Wetzel. Scaffold hunter — interactive exploration of chemical space. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 426–427. Springer-Verlag, Berlin-Heidelberg, 2010.
- [34] Tamara Mchedlidze and Antonios Symvonis. On ρ -constrained upward topological book embeddings. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 411–412. Springer-Verlag, Berlin-Heidelberg, 2010.
- [35] Martin Nöllenburg. An improved algorithm for the metro-line crossing minimization problem. In David Eppstein and Emden R. Gansner, edi-

- tors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 381–392. Springer-Verlag, Berlin-Heidelberg, 2010.
- [36] János Pach. Why are string graphs so beautiful? In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 1–1. Springer-Verlag, Berlin-Heidelberg, 2010.
 - [37] Michael J. Pelsmajer, Marcus Schaefer, and Daniel Štefankovič. Removing independently even crossings. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 201–206. Springer-Verlag, Berlin-Heidelberg, 2010.
 - [38] Christian Pich. Drawing directed graphs clockwise. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 369–380. Springer-Verlag, Berlin-Heidelberg, 2010.
 - [39] Markus Rohrschneider, Christian Heine, André Reichenbach, Andreas Kerren, and Gerik Scheuermann. A novel grid-based visualization approach for metabolic networks with advanced focus&context view. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 268–279. Springer-Verlag, Berlin-Heidelberg, 2010.
 - [40] Marcus Schaefer. Complexity of some geometric and topological problems. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 334–344. Springer-Verlag, Berlin-Heidelberg, 2010.
 - [41] André Schulz. Drawing 3-polytopes with good vertex resolution. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th*

International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009), volume 5849 of *LNCS*, pages 33–44. Springer-Verlag, Berlin-Heidelberg, 2010.

- [42] Miro Spönemann, Hauke Fuhrmann, Reinhard von Hanxleden, and Petra Mutzel. Port constraints in hierarchical layout of data flow diagrams. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 135–146. Springer-Verlag, Berlin-Heidelberg, 2010.
- [43] Jan Štola. 3d visibility representations by regular polygons. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 323–333. Springer-Verlag, Berlin-Heidelberg, 2010.
- [44] Vassilis Tsiaras and Ioannis G. Tollis. Dagmaps and dominance relationships. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 424–425. Springer-Verlag, Berlin-Heidelberg, 2010.
- [45] Vassilis Tsiaras and Ioannis G. Tollis. Dagmaps and ε -visibility representations of dags. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 357–368. Springer-Verlag, Berlin-Heidelberg, 2010.
- [46] Martin Wattenberg. The art of cheating when drawing a graph. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 2–2. Springer-Verlag, Berlin-Heidelberg, 2010.
- [47] Michael Wybrow, Kim Marriott, and Peter J. Stuckey. Orthogonal connector routing. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 219–231. Springer-Verlag, Berlin-Heidelberg, 2010.

- [48] Kai Xu, Rohan Williams, Seok-Hee Hong, Qing Liu, and Ji Zhang. Semi-bipartite graph visualization for gene ontology networks. In David Eppstein and Emden R. Gansner, editors, *Proceedings of the 17th International Symposium on Graph Drawing, GD'2009 (Chicago, Illinois, USA, September 22-25, 2009)*, volume 5849 of *LNCS*, pages 244–255. Springer-Verlag, Berlin-Heidelberg, 2010.