

## References

- [1] Oswin Aichholzer, Franz Aurenhammer, and Hannes Krasser. Adapting (pseudo)-triangulations with a near-linear number of edge flips. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 12–24. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [2] Oswin Aichholzer, Günter Rote, Bettina Speckmann, and Ileana Streinu. The zigzag path of a pseudo-triangulation. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 377–388. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [3] Susanne Albers and Markus Büttner. Integrated prefetching and caching with read and write requests. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 162–173. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [4] Amihood Amir, Ayelet Butman, Moshe Lewenstein, and Ely Porat. Real two dimensional scaled matching. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 353–364. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [5] Amihood Amir, Gad M. Landau, Moshe Lewenstein, and Dina Sokol. Dynamic text and static pattern matching. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 379–390. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

of *LNCS*, pages 340–352. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

- [6] R. Saiand Thomas Erlebach Anand. Routing and call control algorithms for ring networks. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 186–197. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [7] Mattias Andersson, Joachim Gudmundsson, and Christos Levcopoulos. Chips on wafers. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 412–423. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [8] Gill Barequet, Michael T. Goodrich, and Chris Riley. Drawing graphs with large vertices and thick edges. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 281–293. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [9] P. Brass, E. Cenek, C.A. Duncan, A. Efrat, C. Erten, D. Ismailescu, S.G. Kobourov, A. Lubiw, and J.S.B. Mitchell. On simultaneous planar graph embeddings. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 243–255. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [10] Gilles Brassard, Anne Broadbent, and Alain Tapp. Multi-party pseudo-telepathy. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms*

*and Data Structures, WADS'2003 (Ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 1–11. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

- [11] David Bremner, Erik Demaine, Jeff Erickson, John Iacono, Stefan Langerman, Pat Morin, and Godfried Toussaint. Output-sensitive algorithms for computing nearest-neighbour decision boundaries. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 451–461. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [12] Mark de Berg and Herman J. Haverkort. Significant-presence range queries in categorical data. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 462–473. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [13] Tamal K. Dey, Joachim Giesen, and Samrat Goswami. Shape segmentation and matching with flow discretization. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 25–36. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [14] Christian A. Duncan. Multi-way space partitioning trees. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 219–230. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [15] Amr Elmasry. Distribution-sensitive binomial queues. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003*

(ottawa, Ontario, Canada, July 30 - August 1, 2003), volume 2748 of *LNCS*, pages 103–113. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

- [16] David Eppstein. The traveling salesman problem for cubic graphs. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 307–318. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [17] Behdad Esfahbod, Mohammad Ghodsi, and Ali Sharifi. Common-deadline lazy bureaucrat scheduling problems. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 59–66. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [18] Patricia A. Evans and Andrew D. Smith. Toward optimal motif enumeration. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 47–58. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [19] Sándor P. Fekete and Henk Meijer. The one-round voronoi game replayed. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 150–161. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [20] Michael R. Fellows. New directions and new challenges in algorithm design and complexity, parameterized. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 505–519. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

- [21] Gianni Franceschini and Roberto Grossi. Optimal worst-case operations for implicit cache-oblivious search trees. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 114–126. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [22] Jens S. Frederiksen and Kim S. Larsen. Online seat reservations via offline seating arrangements. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 174–185. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [23] Keith Frikken and Mikhail Atallah. Cropping-resilient segmented multiple watermarking. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 231–242. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [24] Leszek Gąsieniec and Andrzej Lingas. An improved bound on boolean matrix multiplication for highly clustered data. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 329–339. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [25] Nicholas J.A. Harvey, Richard E. Ladner, László Lovász, and Tami Tamir. Semi-matchings for bipartite graphs and load balancing. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 294–306. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

- [26] Sanjiv Kapoor and Xiang-Yang Li. Proximity structures for geometric graphs. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 365–376. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [27] Marek Karpinski, Ion I. Măndoiu, Alexander Olshevsky, and Alexander Zelikovsky. Improved approximation algorithms for the quality of service steiner tree problem. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 401–411. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [28] Anshul Kothari, Subhash Suri, and Yunhong Zhou. Bandwidth-constrained allocation in grid computing. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 67–78. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [29] Rachel Matichin and David Peleg. Approximation algorithm for hotlink assignments in web directories. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 271–280. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [30] Matthias Müller-Hannemann and Sven Peyer. Approximation of rectilinear steiner trees with length restrictions on obstacles. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 207–218. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

- [31] Evangelia Papadopoulou. On the hausdorff voronoi diagram of point clusters in the plane. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 439–450. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [32] Vinhthuy Phan, Steven Skiena, and Pavel Sumazin. A model for analyzing black-box optimization. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 424–438. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [33] Elena Prieto and Christian Sloper. Either/or: Using vertex cover structure in designing fpt-algorithms — the case of  $k$ -internal spanning tree. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 474–483. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [34] Venkatesh Raman and Saket Saurabh. Parameterized complexity of directed feedback set problems in tournaments. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 484–492. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [35] Sudipta Sengupta. Algorithms and approximation schemes for minimum lateness/tardiness scheduling with rejection. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 79–90. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

- [36] Micha Sharir and Shakhar Smorodinsky. Extremal configurations and levels in pseudoline arrangements. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 127–139. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [37] Qingmin Shi and Joseph JaJa. Fast algorithms for a class of temporal range queries. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 91–102. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [38] Andrew Solomon, Paul Sutcliffe, and Raymond Lister. Sorting circular permutations by reversal. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 319–328. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [39] Daniel A. Spielman and Shang-Hua Teng. Smoothed analysis — motivation and discrete models. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 256–270. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [40] Jijun Tang and Bernard M.E. Moret. Phylogenetic reconstruction from gene-rearrangement data with unequal gene content. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 37–46. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.

- [41] Csaba D. Tóth. Alternating paths along orthogonal segments. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 389–400. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [42] Dorothea Wagner. Algorithms and models for railway optimization. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 198–206. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [43] Huaming Zhang and Xin He. Compact visibility representation and straight-line grid embedding of plane graphs. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 493–504. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.
- [44] Martin Ziegler. Fast relative approximation of potential fields. In Frank Dehne, Jörg-Rüdiger Sack, and Michiel Smid, editors, *Proceedings of the 8th International Workshop on Algorithms and Data Structures, WADS'2003 (ottawa, Ontario, Canada, July 30 - August 1, 2003)*, volume 2748 of *LNCS*, pages 140–149. Springer-Verlag, Berlin-Heidelberg-New York-Hong Kong-London-Milan-Paris-Tokyo, 2003.