References

[1] Susann C. Allmaier and Graham Horton. Parallel shared-memory state-space exploration in stochastic modeling. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 207–218. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[2] F. Argüello, N. Guil, J. López, M. Amor, and E.L. Zapata. A probabilistic model for best-first search b&b algorithms. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 49–60. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[3] Armin Bäumker and Friedhelm Meyer auf der Heide. Communication efficient parallel searching. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 233–254. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[4] H. Martin Bücker and Manfred Sauren. A variant of the biconjugate gradient method suitable for massively parallel computing. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 72–79. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[5] Thomas Decker. Virtual data space — a universal load balancing scheme. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 159–166. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[6] Ralf Diekmann, S. Muthukrishnan, and Madhu V. Nayakkankuppam. Engineering diffusive load balancing algorithms using experiments. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 111–122. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[7] Simon Dobson and Don Goodeve. Programming with shared data abstractions. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 93–102. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[8] Arno Formella and Jörg Keller. Parallel software caches. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 219–232. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[9] Klaus Jansen. A new approximation algorithm for the register allocation problem. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 135–

146. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[10] Lutz Laemmer and Michael Burghardt. Parallel mesh generation. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 1–12. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[11] Charles E. Leiserson. Programming irregular parallel appplications in cilk. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 61–71. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[12] Yung-Lin Liu and Chung-Ta King. Explorer: Supporting run-time parallelization of do-across loops on general networks of workstations. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 103–110. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[13] Jean Michel, François Pellegrini, and Jean Roman. Unstructured graph partitioning for sparse linear system solving. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 273–286. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[14] Burkhard Monien and Jürgen Schulze. Parallel sparse cholesky factorization. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceed-*

ings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997), volume 1253 of *LNCS*, pages 255–272. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[15] Sorin G. Nastea, Tarek El-Ghazawi, and Ophir Frieder. Performance optimization of combined variable-cost computations and i/o. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 198–206. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[16] Salvatore Orlando and Raffaele Perego. A support for non-uniform parallel loops and its application to a flame simulation code. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 186–197. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[17] Preeti Ranjan Panda, Hiroshi Nakamura, Nikil D. Dutt, and Alexandru Nicolau. Improving cache performance through tiling and data alignment. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 167–185. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[18] Gyung-Leen Park, Behrooz Shirazi, and Jeff Marquis. Comparative study of static scheduling with task duplication for distributed systems. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany,*

June 12-13, 1997), volume 1253 of *LNCS*, pages 123–134. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[19] Fábio Protti, Felipe M.G. França, and Jayme Luiz Szwarcfiter. On computing all maximal cliques distributedley. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 37–48. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[20] Peter Sanders and Thomas Hansch. Efficient massively parallel quicksort. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 13–24. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[21] Jop F. Sibeyn, Frank Guillaume, and Tillmann Seidel. Practical parallel list ranking. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 25–36. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[22] Anand Srivastav and Peter Stangier. A parallel approximation algorithm for resource constrained scheduling and bin packing. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 147–158. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.

[23] Tianruo Yang and Hai-Xiang Lin. Efficient implementation of the improved quasi-minimal residual method on massively distributed mem-

ory computers. In G. Bilardi, A. Ferreira, R. Lüling, and J. Rolim, editors, *Proceedings of the 4th International Symposium on Solving Irregularly Structured Problems in Parallel, IRREGULAR'97 (Paderborn, Germany, June 12-13, 1997)*, volume 1253 of *LNCS*, pages 80–92. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1997.