References

[1] M. Annaratone, G. zur Bonsen, M. Fillo, M. Halbherr, R. Rühl, P. Steiner, and M. Viredaz. Architecture, implementation and system software of k2. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 473–484. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[2] L. Bacchelli Montefusco and C. Guerrini. A domain decomposition method for scattered data approximation on a distributed memory multiprocessor. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 274–282. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[3] A. Bauch, R. Braam, and E. Maehle. Damp - a dynamic reconfigurable multiprocessor system with a distributed switching network. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 495–504. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[4] T. Bemmerl and A. Bode. An integrated environment for programming distributed memory multiprocessors. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 130–142. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[5] T. Bemmerl, U. Graf, and R. Knödlseder. Experiences in parallelizing an existing cfd algorithm. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 254–263. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[6] L. Borrmann and P. Istavrinos. Store coherency in a parallel distributed-memory machine. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 32–41. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[7] U. Bruening, W.K. Giloi, and W. Schröder-Preikschat. The architecture of the european mimd supercomputer genesis. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 450–462. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[8] S. Chaumette and M.C. Counilh. A development environment for distributed systems. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 110–119. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[9] A. Cheese. Implementing committed-choice logic programming languages on distributed memory computers. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 361–370. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[10] P. Chrétienne and F. Lamour. Mapping graphs onto a partially reconfigurable architecture. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 73–79. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[11] P. Clauss. Mapping systolic algorithms on distributed memory computers. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 402–411. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[12] H. Corporaal. Distributed heapmanagement using reference weights. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 325–336. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[13] H. Corporaal and J.G.E. Olk. A scalable communication processor design supporting systolic communication. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 213–223. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[14] A. Couvert, R. Pedrono, and M. Raynal. Implementation and evaluation of distributed synchronization on a distributed memory parallel machine. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 304–314. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[15] J. de Keyser and D. Roose. Adaptive irregular multiple grids on a distributed memory multiprocessor. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 153–162. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[16] S.A. Delgado-Rannauro, M. Dorochevsky, K. Schuerman, A. Véron, and J. Xu. A shared environment parallel logic programming system on distributed memory architectures. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 371–380. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[17] J. Duato. On the design of deadlock-free adaptive routing algorithms for multicomputers: Theoretical aspects. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*,

pages 234–243. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[18] A. Fernández, J.M. Llabería, J.J. Navarro, and M. Valero-García. Interleaving partitions of systolic algorithms for programming distributed memory multiprocessors. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 90–99. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[19] P. Fraigniaud. Fault-tolerant gossiping on hypercube multicomputers. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 463–472. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[20] M. Gerndt. Parallelization of multigrid programs in superb. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 62–72. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[21] V.S. Getov and C.R. Jesshope. Simulation facility of distributed memory system with "mad postman" communication network. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 224–233. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[22] J.-L. Giavitto, C. Germain, and J. Fowler. Oal: An implementation of an actor language on a massively parallel message-passing architecture. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 347–360. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[23] W.K. Giloi, C. Hastedt, F. Schön, and W. Schröder-Preikschat. A distributed implementation of shared virtual memory with strong and weak

coherence. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 23–31. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[24] D. Gomm, M. Heckner, K.-J. Lange, and G. Riedle. On the design of parallel programs for machines with distributed memory. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 381–391. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[25] C. Hammer and T. Henties. Using a weak coherency model for a parallel lisp. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 42–51. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[26] B. Herrmann and L. Philippe. Multicomputers unix based on chorus. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 440–449. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[27] H. Hofestädt, A. Klein, and E. Reyzl. Performance benefits from locally adaptive interval routing in dynamically switched interconnection networks. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 193–202. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[28] T.M. Kurç, C. Aykanat, and F. Erçal. Parallelization of lee's routing algorithm on a hypercube multicomputer. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 244–253. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[29] E. Leu, A. Schiper, and A. Zramdini. Efficient execution replay technique for distributed memory architectures. In Arndt Bode, editor,

Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991), volume 487 of *LNCS*, pages 315–324. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[30] D. May. The next generation transputers and beyond. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 7–22. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[31] B. Mohr. Simple: A performance evaluation tool environment for parallel and distributed systems. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 80–89. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[32] S. Nicolle, P. Legrand, and J.-P. Derutin. Managing the recursive generation of tasks in a transputer network. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 432–439. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[33] S. Nölting. Nonlinear adaptive finite element systems on distributed memory computers. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 283–293. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[34] C.-W. Oehlrich, P. Metzger, and A. Quick. Monitor-supported analysis of a communication system for transputer-networks. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 120–129. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[35] J.-L. Pazat. Code generation for data parallel programs on dmpcs. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 337–346. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[36] C. Percebois and N. Signès. A compiler for a distributed inference model. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 412–421. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[37] J. Rattner. The new age of supercomputing. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 1–6. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[38] A.R. Robertson and R.N. Ibbett. Simulation of the mc88000 microprocessor system on a transputer network. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 264–273. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[39] H. Scheidig, M.F. Schneider, and R. Spurk. Efficient and scalable logical busses for message-passing interconnection networks. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 183–192. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[40] H. Schmidt. Making peace a dynamic alterable system. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 422–431. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[41] W. Schreiner. Adam - an abstract dataflow machine and its transputer implementation. In Arndt Bode, editor, *Proceedings of the 2nd*

European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991), volume 487 of *LNCS*, pages 392–401. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[42] P.K. Sinha, H. Ashihara, K. Shimizu, and M. Maekawa. Flexible user-definable memory coherence scheme in distributed shared memory of galaxy. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 52–61. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[43] J. Torres, E. Ayguadé, J. Labarta, J.M. Llabería, and M. Valero. On automatic loop data-mapping for distributed-memory multiprocessors. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 173–182. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[44] A. Touzene and B. Plateau. Optimal multinode broadcast on a mesh connected graph with reduced bufferization. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 143–152. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[45] T. Ungerer and L. Bic. An object-oriented interface for parallel programming of loosely-coupled multiprocessor systems. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 163–172. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[46] G.J.W. van Dijk and A.J. van der Wal. Partial ordering of synchronization events for distributed debugging in tightly-coupled multiprocessor systems. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 100–109. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[47] G. Watzlawik and E.H. Robinson. European declarative system (eds): Architecture and interprocess communication. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 485–494. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[48] Xiaohong Xie and Youmei Ge. An optimal structure that accomodates both a ring and a binary tree. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 203–212. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.

[49] O. Zone, R. Keunings, and D. Roose. Parallel algorithms for the direct solution of finite element equations on a distributed memory computer. In Arndt Bode, editor, *Proceedings of the 2nd European Conference on Distributed Memory Computing, EDMCC2 (Munich, Germany, April 1991)*, volume 487 of *LNCS*, pages 294–303. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1991.