Concurrency: Practice and Experience
Papers Published — 1994 (as of 12/20/94)

(C77) "A Parallel Block Row-Action Method for Solving Large Sparse Linear systems on Distributed Memory Multiprocessors"

Authors: Marco D'Apuzzo and Maria Assunta de Rosa

Current Status: Paper to Publisher (5/16/93) — Vol. 6, No. 1.

Short Code: [Apuzzo:94a]

(C153) "Empirical Analysis of Overheads in Cluster Environments"

Authors: B. K. Schmidt and V. S. Sunderam

Current Status: Paper to Publisher (3/15/93) — Vol. 6, No. 1.

Short Code: [Schmidt:94a]

(C157) "Performance Modeling of Load Balancing Algorithms using Neural Networks"

Authors: I. Ahmad, A. Ghafoor, M. Mehrotra, C. K. Mohan, and S. Ranka

Current Status: Paper to Publisher (12/9/93) — Vol. 6, No. 5.

Short Code: [Ahmad:94a]

(C159) "Experiments with *Program Unification* on the CRAY Y-MP"

Authors: L.-Y. Chuang, V. Rego, and A. Mathur

Current Status: Paper to Publisher (4/19/93) — Vol. 6, No. 1.

Short Code: [Chuang:94a]

(C160) "Solving an Advection-Diffusion Problem on the Connection Machine"

Authors: Martin Berggren

Current Status: Paper to Publisher (3/15/93) — Vol. 6, No. 1.

Short Code: [Berggren:94a]

(C161) "Determining Update Latency Bounds in Galactica Nets"

Authors: S. Clayton, R. J. Duckworth, and W. Michalson

Current Status: Paper to Publisher (3/8/94) — Vol. 6, No. 6.

Short Code: [Clayton:94a]

(C162) "High Performance Emulation of Hierarchical Structures on Hypercube Supercomputers"

Authors: S. G. Ziavras, and D. P. Shah

Current Status: Paper to Publisher (4/19/93) — Vol. 6, No. 2.

Short Code: [Ziavras:94a]

(C163) "A Fast Multilevel Implementation of Recursive spectral Bisection for Partitioning Unstructured Problems"

Authors: Stephen Barnard, and Horst D. Simon

Current Status: Paper to Publisher (5/14/93) — Vol. 6, No. 2.

Short Code: [Barnard:94a]

(C164) "Parallel Simulation Based on Conservative Time Windows: A Performance Study"

Authors: Rassul Ayani, and Hassan Rajaei

Current Status: Paper to Publisher (5/16/93) — Vol. 6, No. 2.

(C172) "Data Management for a Class of Iterative Computations on Distributed-Memory MIMD Systems"

Authors: M. C. Cornea-Hasegan, D. C. Marinescu, and Z. Zhang

Current Status: Paper to Publisher (10/25/93) — Vol. 6, No. 3.

Short Code: [Cornea:94a]

(C175) "Parallel Search for the Interpretation of Aerial Images"

Authors: P. J. Narayanan and Larry S. Davis

Current Status: Paper to Publisher (8/3/94) — Vol. 6, No. 6.

Short Code: [Narayanan:94a]

(C176) "Portable Parallel Implementation of BLAS 3"

Authors: A. Averbuch, D. Amitai, R. Friedman, and E. Gaber

Current Status: Paper to Publisher (1/17/94) — Vol. 6, No. 5.

Short Code: [Averbuch:94a]

(C177) "PUMMA: Parallel Universal Matrix Multiplication Algorithms on Distributed Memory Concurrent Computers"

Authors: J. Choi, J. J. Dongarra, and D. W. Walker

Current Status: Paper to Publisher (12/9/93) — Vol. 6, No. 7.

Short Code: [Choi:94a]

(C180) "Matrix Multiplication on the Intel Touchstone Delta"

Authors: S. Huss-Lederman, E. M. Jacobson, A. Tsao, and G. Zhang

Current Status: Paper to Publisher (8/3/94) — Vol. 6, No.7.

Short Code: [Huss:94a]

(C183) "Massive MIMD Neural Network simulations: The Connections Dilemma"

Authors: T. Tollenaere, J. Miguel Saraiva, and M. M. Van Hulle

Current Status: Paper to Publisher (5/16/93) — Vol. 6, No. 3.

Short Code: [Tollenaere:94a]

(C185) "Dynamo—A Portable Tool for Dynamic Load Balancing on Distributed Memory Multicomputers"

Authors: Erik Tärnvik

Current Status: Paper to Publisher (3/8/94) — Vol. 6, No. 8.

Short Code: [Tarnvik:94a]

(C190) "Allocating Data to Distributed-Memory Multiprocessors by Genetic Algorithms"

Authors: Nashat Mansour and Geoffrey C. Fox

Current Status: Paper to Publisher (8/19/93) — Vol. 6, No. 6.

Short Code: [Mansour:94a]

(C195) "Time Parallel Solution of Linear Partial Differential Equations on the Intel Touchstone Delta Supercomputer"

Authors: Nikzad Toomarian, Amir Fijany, and Jacob Barhen

Current Status: Paper to Publisher (8/3/94) — Vol. 6, No. 8.

Short Code: [Toomarian:94a]

(C196) "comparison of Parallel Fortran Environments on the AMT DAP 510 for a Linear Algebra Application"

Authors: M. Clint, J. S. Weston, and C. W. Bleakney

Current Status: Paper to Publisher (8/19/93) — Vol. 6, No. 3.

Short Code: [Clint:94a]

(C199) "Do Hypercubes Sort Faster Than Tree Machines"

Authors: Per Brinch Hansen

Current Status: Paper to Publisher (9/27/93) — Vol. 6, No. 2.

Short Code: [Hansen:94a]

(C211) "Global Synchronization in Linda"

Authors: Paul Butcher, Alan Wood, and Martin Atkins

Current Status: Paper to Publisher (12/8/93) — Vol. 6. No. 6.

Short Code: [Butcher:94a]

(C222) "A Clock Synchronization Algorithm for the Performance Analysis of Multicomputer Systems"

Authors: G. de Pietro and U. Villano

Current Status: Paper to Publisher (3/12/94) — Vol. 6, No. 8.

Short Code: [Pietro:94a]

(C223) "Parallel Dynamic Programming and Ship Voyage Management"

Authors: Christine Barbier, Pratyush Sen, and Martin Downie

Current Status: Paper to Publisher (3/12/94) — Vol. 6, No.8.

Short Code: [Barbier:94a]

(C226) "Super Pascal—A Publication Language for Parallel Scientific Computing"

Authors: Per Brinch Hansen

Current Status: Paper to Publisher (4/27/94) — Vol. 6, No. 5.

Short Code: [Hansen:94b]