Concurrency: Practice and Experience
Papers Published — 1995

(C134) "Pipeline Optimizations for the Prime Factor Algorithm"

Authors: R. Albrizio, A. Mazzone, N. Veneziani, G. Aloisio, M. Bochicchio, and P. Messina

Current Status: Paper to Publisher (4/27/94) — Vol. 7, No. 1.

Short Code: [Albrizio:95a]

(C174) "Experiences with Networked Parallel Computing"

Authors: P. Hoogerbrugge and R. Mirchandaney

Current Status: Paper to Publisher (3/8/94) — Vol. 7, No. 1.

Short Code: [Hoogerbrugge:95a]

(C182) "Instructional Footprinting and Sematic Preservation in Linda"

Authors: Kenneth Landry and James D. Arthur

Current Status: Paper to Publisher (8/11/94) — Vol. 7, No. 3.

Short Code: [Landry:95a]

(C184) "The Genesis Distributed Memory Benchmarks: Part II: COMMS1, TRANS1, FFT1 and QCD2 Benchmarks on the SUPRENUM and iPSC/860 Computers"

Authors: T. Hey, R. Hockney, V. Getov, I. Wolton, J. Merlin, and J. Allwright

Current Status: Paper to Publisher (11/10/94) — Vol. 7, No. 6.

Short Code: [Hey:95a]

(C189) "Fault Tolerance in the Execution of Remote Jobs on Idling Workstations"

Authors: C.-Q. Yang and Y. Qu

Current Status: Paper to Publisher (7/18/94) — Vol. 7, No. 1.

Short Code: [Yang:95a]

(C191) "Distributed Implementations of Communicating Objects"

Authors: Weijia Jia and Gaëtan Libert

Current Status: Paper to Publisher (10/22/94) — Vol. 7, No. 6.

Short Code: [Jia:95a]

(C200) "Accelerated Ray Tracing using an nCUBE-2 Multicomputer"

Authors: I. J. Grimstead and S. Hurley

Current Status: Paper to Publisher (11/21/94) — Vol. 7, No. 6.

Short Code: [Grimstead:95a]

(C203) "Partitioning and Mapping in Embedded Multiprocessor Architectures in the Presence of Constraints"

Authors: S. Yalamanchili, L. Te Winkel, D. Perschbacher, and B. Shenoy

Current Status: Paper to Publisher (8/5/94) — Vol. 7, No. 3.

Short Code: [Yalamanchili:95a]

(C204) "Programming Pipelined CAD Applications on Message Passing Architectures"

Authors: Paul Kenyon, Sharad Seth, Prathima Agrawal, and Andrea Clematis

Current Status: Paper to Publisher (10/22/94) — Vol. 7, No. 4.

Short Code: [Kenyon:95a]

(C205) "PARADOX—A Heterogeneous Machine for the 3D Vision Algorithm"

Authors: Han Wang and Mike Brady

Current Status: Paper to Publisher (9/22/94) — Vol. 7, No. 4.

Short Code: [Wang:95a]

(C208) "Implementation of a Fully-balanced Periodic Tridiagonal Solver on a Parallel Distributed Memory Architecture"

Authors: T. M. Eidson and G. Erlebacher

Current Status: Paper to Publisher (9/22/94) — Vol. 7, No. 4.

Short Code: [Eidson:95a]

(C209) "Partitioning Tasks Between a Pair of Interconnected Heterogeneous Processors: A Case Study"

Authors: David J. Lilja

Current Status: Paper to Publisher (9/22/94) — Vol. 7, No. 3.

Short Code: [Lilya:95a]

(C212) "Evaluation of Parallelization Strategies for an Incremental Delaunay Triangulator in E^3"

Authors: P. Cignoni, D. Laforenza, C. Montani, R. Perego, and R. Scopigno

Current Status: Paper to Publisher (7/18/94) — Vol. 7, No. 1.

Short Code: [Cignoni:95a]

(C219) "Beyond Software Performance Visualization"

Authors: M. Abrams, T. J. Lee, H. T. Cadiz, and K. Ganugapati

Current Status: Paper to Publisher (12/5/94) — Vol. 7, No. 8.

Short Code: [Abrams:95a]

(C220) "Partitioning of Unstructured Meshes for Load Balancing"

Authors: Olivier C. Martin and Steve W. Otto

Current Status: Paper to Publisher (9/22/94) — Vol. 7, No. 4.

Short Code: [Martin:95a]

(C225) "A Toolkit for Parallel Functional Programming"

Authors: P. Hartel, R. Hofman, K. Langendoen, H. Muller, W. Vree, and L. Hertzberger

Current Status: Paper to Publisher (12/5/94) — Vol. 7, No. 8.

Short Code: [Hartel:95a]

(C228) "Dynamic Load-balancing for PDE Solvers on Adaptive Unstructured Meshes"

Authors: C. Walshaw and M. Berzins

Current Status: Paper to Publisher (4/5/94) — Vol. 7, No. 1.

Short Code: [Walshaw:95a]

(C229) "Parallel Solution of Large-Scale Differential-Algebraic Systems"

Authors: R. S. Maier, L. R. Petzold, and W. Rath

Current Status: Paper to Publisher (12/5/94) — Vol. 7, No. 8.

Short Code: [Maier:95a]

(C244) "Processing Recursive Queries on Transputers"

Authors: J. Shao, D. A. Bell, and M. E. C. Hull

Current Status: Paper to Publisher (8/2/94) — Vol. 7, No. 2.

Short Code: [Shao:95a]

(C247) "P^3L: A Structured High-level Parallel Language, and Its Structured Support"

Authors: B. Bacci, M. Danelutto, S. Orlando, S. Pelagatti, and M. Vanneschi

Current Status: Paper to Publisher (8/10/94) — Vol. 7, No. 3.

Short Code: [Bacci:95a]

(C248) "SCIDDLE: A Tool for Large Scale Distributed Computing"

Authors: Peter Arbenz, Christoph Sprenger, Hans Peter Lüthi, and Stefan Vogel

Current Status: Paper to Publisher (8/12/94) — Vol. 7, No. 2.

Short Code: [Arbenz:95a]

(C249) "Computational Similarity"

Authors: Roger W. Hockney

Current Status: Paper to Publisher (8/12/94) — Vol. 7, No. 2.

Short Code: [Hockney:95a]