Concurrency: Practice and Experience
Papers Accepted for Publication — March 8, 1999

(C323) "Dynamic Scheduling of Process Groups"

Authors: K. Y. Wang, D. C. Marinescu, and O. F. Carbunar

Current Status: Paper to Publisher (3/4/97). **34 pgs.**

Short Code: [Wang:97a]

(C340) "Visualization in Network Computing Environments"

Authors: Brad Topol and John T. Stasko

Current Status: Paper to Publisher (8/27/97). **42 pgs.**

Short Code: [Topol:97a]

(C351) "SCIPVM: Parallel Distributed Computing on SCI Workstation Clusters"

Authors: Ivan Zoraja, Hermann Hillwagner, and Vaidy Sunderam

Current Status: Paper to Publisher (10/3/97). **22 pgs.**

Short Code: [Zoraja:97a]

(C353) "Tiling with Limited Resources"

Authors: Pierre-Yves Calland, Jack Dongarra, and Yves Robert

Current Status: Paper to Publisher (12/29/97). **18 pgs.**

Short Code: [Calland:97a]

(C358) "An Adaptive Load Distribution Algorithm for Resolving Burst Workload"

Authors: Qin Lu, and Sau-Ming Lau

Current Status: Paper to Publisher (6/23/98). **34 pgs.**

Short Code: [Lu:98b]

(C365) "A Computing Framework for Integrating Interactive Visualization in HPCC Applications"

Authors: G. Cheng, G. C. Fox, T.-H. Lin, and T. Haupt

Current Status: Paper to Publisher (6/30/97). **21 pgs.**

Short Code: [Cheng:96c]

(C366) "The European Porting Project—Demonstrating Industrial Relevance of Parallel HPC"

Authors: S. Brindle, A. Colbrook, J. Elliott, D. Green, and F. Wray

Current Status: Paper to Publisher (6/30/97). **19 pgs.**

Short Code: [Brindle:96a]

(C367) "Parallel Computation of Three-Dimensional Nonlinear Magnetostatic Problems"

Authors: David Levine, William Gropp, Kimmo Forsman, and Lauri Kettunen

Current Status: Paper to Publisher (6/30/97). **13 pgs.**

Short Code: [Levine:96a]

(C368) "Composing High Performance Schedulers: A Case Study from Real-Time Simulation"

Authors: K. Ghosh, R. M. Fujimoto, and K. Schwan

Current Status: Paper to Publisher (3/4/98). **34 pgs.**

Short Code: [Ghosh:98a]

(C371) "Scheduling Tasks of Multi-Join Queries in a Multiprocessor"

Authors: A. Averbuch, Y. Roditty, and B. Shoham

Current Status: Paper to Publisher (6/23/98). **41 pgs.**

Short Code: [Averbuch:98a]

(C372) "Multiresolution Load Balancing in Curved Space: The Wavelet Representation"

Authors: Aiichiro Nakano

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Short Code: [Nakano:98a]

(C374) "A Software Design Technique for Client-server Applications"

Authors: Jahangir Karimi

Current Status: Paper to Publisher (6/24/98). **27 pgs.**

Short Code: [Karimi:98a]

(C375) "Evaluating the Communications Capabilities of the Generalized Hypercube Interconnection Network"

Authors: Sanjay Krishnamurthy and Sotirios G. Ziavras

Current Status: Paper to Publisher (11/2/98). **35 pgs.**

Short Code: [Ziavras:98a]

(C376) "Parallelism and Recursion in Message Passing Libraries: An Efficient Methodology"

Authors: C. Rodriguez, F. de Sande, C. Leon, and L. Garcia

Current Status: Paper to Publisher (11/2/980. **18 pgs.**

Short Code: [Rodriguez:98a]

(C380) "Parallel Execution to Embedded and Iterated Runge-Kutta Methods"

Authors: Thomas Rauber and Gudula Rünger

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Short Code: [Rauber:98a]

(C381) "Prophet: Automated Scheduling of SPMD Programs in Workstation Networks"

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Short Code: [Weissman:98a]

(C382) "$\mathrm{COLT}_{\mathrm{HPF}}$, a Coordination Layer for HPF Tasks"

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Short Code: [Orlando:98a]

(C383) "Predicting the Execution Time of Message Passing Models"

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Short Code: [Roda:99a]

(C386) "Concurrent Simulation of Neutral Flow in the GEC Reference Cell"

Authors: M. Rieffel, M. Ivanov, S. Shankar, and S. Taylor

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Short Code: [Rieffel:98a]

(C388) "Usefulness of Adaptive Load Sharing for Parallel Processing on Networks of Workstations"

Authors: Sheldon Clark and Sivarama P. Dandamudi

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Short Code: [Clark:98a]

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Authors: Giullano Armano, Antonio Corradi, and Valeria Filippi

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Short Code: [Armano:98a]

(C390) "Simulated Annealing Task to Processor Mapping for Domain Decomposition Methods on Distributed Parallel Computers"

Authors: C. C. Pain, C. P. E. de Oliveira, and A. J. H. Goddard

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Short Code: [Pain:98a]

(C391) "Ordinary Linear Model Estimation on a Massively Parallel SIMD Computer"

Authors: Erricos John Kontoghiorghes

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Short Code: [Konto:98a]