References

[1] Azizol Abdullah, Mohamed Othman, Md. Nasir Sulaiman, Hamidah Ibrahim, and Abu Talib Othman. Data discovery algorithm for scientific data grid environment. *J. Parallel Distrib. Comput.*, 65(11):1429–1434, 2005.

[2] Roxane Adle, Marc Aiguier, and Franck Delaplace. Toward an automatic parallelization of sparse matrix computations. *J. Parallel Distrib. Comput.*, 65(3):313–330, 2005.

[3] R. Al-Omari, A.K. Somani, and G. Manimaran. An adaptive scheme for fault-tolerant scheduling of soft real-time tasks in multiprocessor systems. *J. Parallel Distrib. Comput.*, 65(5):595–608, 2005.

[4] Bader F. AlBdaiwi and Bella Bose. Quasi-perfect resource placements for two-dimensional toroidal networks. *J. Parallel Distrib. Comput.*, 65(7):815–831, 2005.

[5] Yavor Angelov, Umakishore Ramachandran, Kenneth Mackenzie, James Matthew Rehg, and Irfan Essa. Experiences with optimizing two stream-based applications for cluster execution. *J. Parallel Distrib. Comput.*, 65(6):678–691, 2005.

[6] John Anvik, Jonathan Schaeffer, Duane Szafron, and Kai Tan. Asserting the utility of co_2p_3s using the cowichan problem set. *J. Parallel Distrib. Comput.*, 65(12):1542–1557, 2005.

[7] Raimundo J. Araújo Macêdo and Flávio M. Assis Silva. The mobile groups approach for the coordination of mobile agents. *J. Parallel Distrib. Comput.*, 65(3):275–288, 2005.

[8] Eitan Bachmat and Tao Kai Lam. On the effect of a configuration choice on the performance of a mirrored storage system. *J. Parallel Distrib. Comput.*, 65(3):382–395, 2005.

[9] David A. Bader and Guojing Cong. A fast, parallel spanning tree algorithm for symmetric multiprocessors (smps). *J. Parallel Distrib. Comput.*, 65(9):994–1006, 2005.

[10] Jacques Bahi, Raphaël Couturier, and Flavien Vernier. Synchronous distributed load balancing on dynamic networks. *J. Parallel Distrib. Comput.*, 65(11):1397–1405, 2005.

[11] Spiridon Bakiras, Thanasis Loukopoulos, Dimitris Papadias, and Ishfaq Ahmad. Adaptive schemes for distributed web caching. *J. Parallel Distrib. Comput.*, 65(12):1483–1496, 2005.

[12] Savina Bansal, Padam Kumar, and Kuldip Singh. Dealing with heterogeneity through limited duplication for scheduling precedence constrained task graphs. *J. Parallel Distrib. Comput.*, 65(4):479–491, 2005.

[13] Gerassimos Barlas. Vod on steroids: Optimized content delivery using distributed video servers over best-effort internet. *J. Parallel Distrib. Comput.*, 65(9):1057–1071, 2005.

[14] Sanjeev Baskiyar and Christopher Dickinson. Scheduling directed acyclic task graphs on a bounded set of heterogeneous processors using task duplication. *J. Parallel Distrib. Comput.*, 65(8):911–921, 2005.

[15] Sameer M. Bataineh. Toward an analytical solution to task allocation, processor assignment, and performance evaluation of network processors. *J. Parallel Distrib. Comput.*, 65(1):29–47, 2005.

[16] Victor E. Bazterra, Martin Cuma, Marta B. Ferraro, and Julio C. Facelli. A general framework to understand parallel performance in heterogeneous clusters: Analysis of a new adaptive parallel genetic algorithm. *J. Parallel Distrib. Comput.*, 65(1):48–57, 2005.

[17] Adel Ben Mnaouer and Badriya Al-Riyami. Effective scheduling of local interactive processes and parallel processes in a non-dedicated cluster environment. *J. Parallel Distrib. Comput.*, 65(6):755–766, 2005.

[18] M.J. Berger, M.J. Aftosmis, D.D. Marshall, and S.M. Murman. Performance of a new cfd flow solver using a hybrid programming paradigm. *J. Parallel Distrib. Comput.*, 65(4):414–423, 2005.

[19] Gianfranco Bilardi, Kieran Herley, Andrea Pietracaprina, and Geppino Pucci. On stalling in log*p*. *J. Parallel Distrib. Comput.*, 65(3):307–312, 2005.

[20] Romain Boichat and Rachid Guerraoui. Reliable and total order broadcast in the crash-recovery model. *J. Parallel Distrib. Comput.*, 65(4):397–413, 2005.

[21] Azzedine Boukerche, Regina B. Araujo, and Marcelo Laffranchi. Multiuser 3d virtual simulation environments support in the gnutella peer-to-peer network. *J. Parallel Distrib. Comput.*, 65(11):1462–1469, 2005.

[22] Azzedine Boukerche, Armin Mikkler, and Alessandro Fabri. Resource control for large-scale distributed simulation system over loosely coupled domains. *J. Parallel Distrib. Comput.*, 65(10):1171–1189, 2005.

[23] Anu G. Bourgeois, Yi Pan, and Sushil K. Prasad. Constant time fault tolerant algorithms for a linear array with a reconfigurable pipelined bus system. *J. Parallel Distrib. Comput.*, 65(3):374–381, 2005.

[24] Wayne F. Boyer and Gurdeep S. Hura. Non-evolutionary algorithm for scheduling dependent tasks in distributed heterogeneous computing environments. *J. Parallel Distrib. Comput.*, 65(9):1035–1046, 2005.

[25] Alex Brodsky, Jan Bækgaard Pedersen, and Alan Wagner. On the complexity of buffer allocation in message passing systems. *J. Parallel Distrib. Comput.*, 65(6):692–713, 2005.

[26] Hailong Cai, Jun Wang, Dong Li, and Jitender S. Deogun. A novel state cache scheme in structured p2p systems. *J. Parallel Distrib. Comput.*, 65(2):154–168, 2005.

[27] Sumir Chandra and Manish Parashar. Towards autonomic application-sensitive partitioning for samr applications. *J. Parallel Distrib. Comput.*, 65(4):519–531, 2005.

[28] Yu Chen and Jennifer L. Welch. Self-stabilizing dynamic mutual exclusion for mobile ad hoc networks. *J. Parallel Distrib. Comput.*, 65(9):1072–1089, 2005.

[29] Yu-Wei Chen. Improved one-to-all broadcasting algorithms on faulty simd hypercubes. *J. Parallel Distrib. Comput.*, 65(12):1596–1600, 2005.

[30] Chua Ching Lian, Francis Tang, Praveen Issac, and Arun Krishnan. Gel: Grid execution language. *J. Parallel Distrib. Comput.*, 65(7):857–869, 2005.

[31] Ge-Ming Chiu, Chih-Ming Hsiao, and Wen-Ray Chang. Total ordering group communication protocol based on coordinating sequencers for multiple overlapping groups. *J. Parallel Distrib. Comput.*, 65(4):437–447, 2005.

[32] Steve C. Chiu, Wei-keng Liao, Alok N. Choudhary, and Mahmut T. Kandemir. Erratum to "processor-embedded distributed smart disks for i/o-intensive workloads: Architectures, performance models and evaluation". *J. Parallel Distrib. Comput.*, 65(7):882–882, 2005. Originally in J. Parallel Distrib. Comput., Vol. 64, 2004, No. 3, 427-446.

[33] Steve C. Chiu, Wei-keng Liao, Alok N. Choudhary, and Mahmut T. Kandemir. Processor-embedded distributed smart disks for i/o-intensive workloads: Architectures, performance models and evaluation. *J. Parallel Distrib. Comput.*, 65(4):532–551, 2005. see Erratum in J. Parallel Distrib. Comput., Vol. 65, No. 7, 2005, 882-882.

[34] Wook Choi, Sajal K. Das, Jiannong Cao, and Ajoy K. Datta. Randomized dynamic route maintenance for adaptive routing in multihop mobile ad hoc networks. *J. Parallel Distrib. Comput.*, 65(2):107–123, 2005.

[35] Moon Jung Chung and Jinsheng Xu. An overhead reducing technique for time warp. *J. Parallel Distrib. Comput.*, 65(1):65–73, 2005.

[36] Lisandro Dalcín, Rodrigo Paz, and Mario Storti. Mpi for python. *J. Parallel Distrib. Comput.*, 65(9):1108–1115, 2005.

[37] Carole Delporte-Gallet, Hugues Fauconnier, Rachid Guerraoui, and Petr Kouznetsov. Mutual exclusion in asynchronous systems with failure detectors. *J. Parallel Distrib. Comput.*, 65(4):492–505, 2005.

[38] D. El Baz and M. Elkihel. Load balancing methods and parallel dynamic programming algorithm using dominance technique applied to the $0-1$ knapsack problem. *J. Parallel Distrib. Comput.*, 65(1):74–84, 2005.

[39] Mohammed Eltayeb, Atakan Doğan, and Füsun Özgüner. A path selection-based algorithm for real-time data staging in grid applications. *J. Parallel Distrib. Comput.*, 65(11):1318–1328, 2005.

[40] Gene Eu Jan and Ming-Bo Lin. Concentration, load balancing, partial permutation routing, and superconcentration on cube-connected cycles parallel computers. *J. Parallel Distrib. Comput.*, 65(12):1471–1482, 2005.

[41] Babak Falsafi and David A. Wood. Evaluating scheduling policies for fine-grain communication protocols on a cluster of smps. *J. Parallel Distrib. Comput.*, 65(4):464–478, 2005.

[42] Zhen Fang, Lixin Zhang, John B. Carter, Liqun Cheng, and Michael Parker. Fast synchronization on shared-memory multiprocessors: An architectural approach. *J. Parallel Distrib. Comput.*, 65(10):1158–1170, 2005.

[43] Pierfrancesco Foglia, Roberto Giorgi, and Cosimo Antonio Prete. Reducing coherence overhead and boosting performance of high-end smp multiprocessors running a ddd workload. *J. Parallel Distrib. Comput.*, 65(3):289–306, 2005.

[44] Pierre Fraigniaud, Bernard Mans, and Arnold L. Rosenberg. Efficient trigger-broadcasting in heterogeneous clusters. *J. Parallel Distrib. Comput.*, 65(5):628–642, 2005.

[45] Fernanda P. Franciscani, Marisa A. Vasconcelos, Rainer P. Couto, and Antonio A.F. Loureiro. (re)configuration algorithms for peer-to-peer over ad hoc networks. *J. Parallel Distrib. Comput.*, 65(2):234–245, 2005.

[46] Preetam Ghosh, Nirmalya Roy, Sajal K. Das, and Kalyan Basu. A pricing strategy for job allocation in mobile grids using a non-cooperative bargaining theory framework. *J. Parallel Distrib. Comput.*, 65(11):1366–1383, 2005.

[47] Daniel Grosu and Anthony T. Chronopoulos. Noncooperative load balancing in distributed systems. *J. Parallel Distrib. Comput.*, 65(9):1022–1034, 2005.

[48] Lei Guo, Song Jiang, Li Xiao, and Xiaodong Zhang. Fast and low-cost search schemes by exploiting localities in p2p networks. *J. Parallel Distrib. Comput.*, 65(6):729–742, 2005.

[49] Minyi Guo and Yi Pan. Improving communication scheduling for array redistribution. *J. Parallel Distrib. Comput.*, 65(5):553–563, 2005.

[50] Eladio Gutiérrez, Sergio Romero, Luis F. Romero, Oscar Plata, and Emilio L. Zapata. Parallel techniques in irregular codes: Cloth simulation as case of study. *J. Parallel Distrib. Comput.*, 65(4):424–436, 2005.

[51] M.M. Hafizur Rahman and Susumu Horiguchi. Routing performance enhancement in hierarchical torus network by link-selection algorithm. *J. Parallel Distrib. Comput.*, 65(11):1453–1461, 2005.

[52] Sibsankar Haldar. Constructing regular variables in message passing systems. *J. Parallel Distrib. Comput.*, 65(1):15–28, 2005.

[53] Wong Han Min, Bharadwaj Veeravalli, and Gerassimos Barlas. Design and performance evaluation of load distribution strategies for multiple divisible loads on heterogeneous linear daisy chain networks. *J. Parallel Distrib. Comput.*, 65(12):1558–1577, 2005.

[54] Raymond R. Hoare, Zhu Ding, Shenchih Tung, Rami Melhem, and Alex K. Jones. A framework for the design, synthesis and cycle-accurate simulation of multiprocessor networks. *J. Parallel Distrib. Comput.*, 65(10):1237–1252, 2005.

[55] Martin Hoffmann and Winfried E. Kühnhauser. Towards a structure-aware failure semantics for streaming media communication models. *J. Parallel Distrib. Comput.*, 65(9):1047–1056, 2005.

[56] Hung-Chang Hsiao, Chung-Ta King, and Chia-Wei Wang. Typhoon: Mobile distributed hash tables. *J. Parallel Distrib. Comput.*, 65(2):191–206, 2005.

[57] Christopher J. Hughes and Sarita V. Adve. Memory-side prefetching for linked data structures for processor-in-memory systems. *J. Parallel Distrib. Comput.*, 65(4):448–463, 2005.

[58] Justin (Gus) Hurwitz and Wu-chun Feng. Analyzing mpi performance over 10-gigabit ethernet. *J. Parallel Distrib. Comput.*, 65(10):1253–1260, 2005.

[59] Saeed Iqbal and Graham F. Carey. Performance analysis of dynamic load balancing algorithms with variable number of processors. *J. Parallel Distrib. Comput.*, 65(8):934–948, 2005.

[60] Jesús A. Izaguirre, Scott S. Hampton, and Thierry Matthey. Parallel multigrid summation for the n-body problem. *J. Parallel Distrib. Comput.*, 65(8):949–962, 2005.

[61] Dejiang Jin and Sotirios G. Ziavras. Modeling distributed data representation and its effect on parallel data accesses. *J. Parallel Distrib. Comput.*, 65(10):1281–1289, 2005.

[62] Hyun-Wook Jin, Pavan Balaji, Chuck Yoo, Jin-Young Choi, and Dhabaleswar K. Panda. Exploiting architectural support for enhancing *ip*-based protocols on high-performance networks. *J. Parallel Distrib. Comput.*, 65(11):1348–1365, 2005.

[63] I. Kadayif, M. Kandemir, N. Vijaykrishnan, and M.J. Irwin. An integer linear programming-based tool for wireless sensor networks. *J. Parallel Distrib. Comput.*, 65(3):247–260, 2005.

[64] Amit Karwande, Xin Yuan, and David K. Lowenthal. An mpi prototype for compiled communication on ethernet switched clusters. *J. Parallel Distrib. Comput.*, 65(10):1123–1133, 2005.

[65] Jae-Hoon Kim, Jae-Ha Lee, and Kyung-Yong Chwa. Improved gossipings by short messages in 2-dimensional meshes. *J. Parallel Distrib. Comput.*, 65(7):793–800, 2005.

[66] Michihiro Koibuchi, Juan C. Martinez, Jose Flich, Antonio Robles, Pedro Lopez, and Jose Duato. Enforcing in-order packet delivery in system area networks with adaptive routing. *J. Parallel Distrib. Comput.*, 65(10):1223–1236, 2005.

[67] Tevfik Kosar and Miron Livny. A framework for reliable and efficient data placement in distributed computing systems. *J. Parallel Distrib. Comput.*, 65(10):1146–1157, 2005.

[68] Hairong Kuang, Lubomir F. Bic, and Michael B. Dillencourt. Podc: Paradigm-oriented distributed computing. *J. Parallel Distrib. Comput.*, 65(4):506–518, 2005.

[69] Jakub Kurzak and B. Montgomery Pettitt. Massively parallel implementation of a fast multipole method for distributed memory machines. *J. Parallel Distrib. Comput.*, 65(7):870–881, 2005.

[70] Yu-Kwong Kwok and Ishfaq Ahmad. On multiprocessor task scheduling using efficient state space search approaches. *J. Parallel Distrib. Comput.*, 65(12):1515–1532, 2005.

[71] Sebastian Lange and Martin Middendorf. Hyperreconfigurable architectures and the partition into hypercontexts problem. *J. Parallel Distrib. Comput.*, 65(6):743–754, 2005.

[72] Mikel Larrea, Antonio Fernández, and Sergio Arévalo. Eventually consistent failure detectors. *J. Parallel Distrib. Comput.*, 65(3):361–373, 2005.

[73] HwaMin Lee, KwangSik Chung, SungHo Chin, JongHyuk Lee, DaeWon Lee, Seongbin Park, and HeonChang Yu. A resource management and fault tolerance services in grid computing. *J. Parallel Distrib. Comput.*, 65(11):1305–1317, 2005.

[74] Soojung Lee and Kil Hong Joo. Efficient detection and resolution of or deadlocks in distributed systems. *J. Parallel Distrib. Comput.*, 65(9):985–993, 2005.

[75] A. Legrand, L. Marchal, and Y. Robert. Optimizing the steady-state throughput of scatter and reduce operations on heterogeneous platforms. *J. Parallel Distrib. Comput.*, 65(12):1497–1514, 2005.

[76] Joseph Y-T. Leung and Hairong Zhao. Minimizing mean flowtime and makespan on master-slave systems. *J. Parallel Distrib. Comput.*, 65(7):843–856, 2005.

[77] Jie Li, Yi Pan, and Yang Xiao. Performance study of multiple route dynamic source routing protocols for mobile ad hoc networks. *J. Parallel Distrib. Comput.*, 65(2):169–177, 2005.

[78] Keqin Li. Job scheduling and processor allocation for grid computing on metacomputers. *J. Parallel Distrib. Comput.*, 65(11):1406–1418, 2005.

[79] Yingshu Li, Xiaoyan Cheng, and Weili Wu. Optimal topology control for balanced energy consumption in wireless networks. *J. Parallel Distrib. Comput.*, 65(2):124–131, 2005.

[80] Yen-Chun Lin and Chin-Yu Su. Faster optimal parallel prefix circuits: New algorithmic construction. *J. Parallel Distrib. Comput.*, 65(12):1585–1595, 2005.

[81] G.Q. Liu, K.L. Poh, and M. Xie. Iterative list scheduling for heterogeneous computing. *J. Parallel Distrib. Comput.*, 65(5):654–665, 2005.

[82] Peter K.K. Loh and Wen Jing Hsu. The josephus cube: Analysis of routing and fault tolerance. *J. Parallel Distrib. Comput.*, 65(1):58–64, 2005.

[83] Simone A. Ludwig and S.M.S. Reyhani. Introduction of semantic matchmaking to grid computing. *J. Parallel Distrib. Comput.*, 65(12):1533–1541, 2005.

[84] Jens Mache, Virginia Lo, and Sharad Garg. The impact of spatial layout of jobs on i/o hotspots in mesh networks. *J. Parallel Distrib. Comput.*, 65(10):1190–1203, 2005.

[85] B.S. Manoj, R. Ananthapadmanabha, and C. Siva Ram Murthy. Multihop cellular networks: Architecture and protocols for best-effort and real-time communication. *J. Parallel Distrib. Comput.*, 65(6):767–791, 2005.

[86] César Marcon, Ney Calazans, Edson Moreno, Fernando Moraes, Fabiano Hessel, and Altamiro Susin. Cafes: A framework for intrachip application modeling and communication architecture design. *J. Parallel Distrib. Comput.*, 71(5):714–728, 2011.

[87] William McLendon III, Bruce Hendrickson, Steven J. Plimpton, and Lawrence Rauchwerger. Finding strongly connected components in distributed graphs. *J. Parallel Distrib. Comput.*, 65(8):901–910, 2005.

[88] Shashidhar Merugu, Sridhar Srinivasan, and Ellen Zegura. Adding structure to unstructured peer-to-peer networks: The use of small-world graphs. *J. Parallel Distrib. Comput.*, 65(2):142–153, 2005.

[89] M.A. Maluk Mohamed, A. Vijay Srinivas, and D. Janakiram. Moset: An anonymous remote mobile cluster computing paradigm. *J. Parallel Distrib. Comput.*, 65(10):1212–1222, 2005.

[90] Nader Mohamed, Jameela Al-Jaroodi, and Hong Jiang. Dependable user-level socket over dual networks. *J. Parallel Distrib. Comput.*, 65(10):1261–1270, 2005.

[91] Eoin A. O'Cearbhaill and Margaret O'Mahony. Parallel implementation of a transportation network model. *J. Parallel Distrib. Comput.*, 65(1):1–14, 2005.

[92] Leonardo B. Oliveira, Isabela G. Siqueira, and Antonio A.F. Loureiro. On the performance of ad hoc routing protocols under a peer-to-peer application. *J. Parallel Distrib. Comput.*, 65(11):1337–1347, 2005.

[93] Francisco Javier Ovalle-Martínez, Ivan Stojmenović, Fabiń García-Nocetti, and Julio Solano-González. Finding minimum transmission radii for preserving connectivity and constructing minimal spanning trees in ad hoc and sensor networks. *J. Parallel Distrib. Comput.*, 65(2):132–141, 2005.

[94] J. Palmer and I. Mitrani. Optimal and heuristic policies for dynamic server allocation. *J. Parallel Distrib. Comput.*, 65(10):1204–1211, 2005.

[95] Linqiang Pan and Carlos Mart{in-Vide. Solving multidimensional 0-1 knapsack problem by p systems with input and active membranes. *J. Parallel Distrib. Comput.*, 65(12):1578–1584, 2005.

[96] B.S. Panda and Sajal K. Das. Parallel recognition algorithms for chordal_planar graphs and planar k-trees. *J. Parallel Distrib. Comput.*, 65(8):922–926, 2005.

[97] Behrooz Parhami. Swapped interconnection networks: Topological, performance, and robustness attributes. *J. Parallel Distrib. Comput.*, 65(11):1443–1452, 2005.

[98] Hee-Jun Park and Byung Kook Kim. Optimal task scheduling algorithm for cyclic synchronous tasks in general multiprocessor networks. *J. Parallel Distrib. Comput.*, 65(3):261–274, 2005.

[99] Inho Park and Seon Wook Kim. The distributed virtual shared-memory system based on the infiniband architecture. *J. Parallel Distrib. Comput.*, 65(10):1271–1280, 2005.

[100] Sangjoon Park and Byunggi Kim. Self-reproducible devs formalism. *J. Parallel Distrib. Comput.*, 65(11):1329–1336, 2005.

[101] María S. Pérez, Alberto Sánchez, José M. Peña, and Víctor Robles. A new formalism for dynamic reconfiguration of data servers in a cluster. *J. Parallel Distrib. Comput.*, 65(10):1134–1145, 2005.

[102] Xiao Qin and Hong Jiang. A dynamic and reliability-driven scheduling algorithm for parallel real-time jobs executing on heterogeneous clusters. *J. Parallel Distrib. Comput.*, 65(8):885–900, 2005.

[103] Francesco Quaglia and Andrea Santoro. Modeling and optimization of non-blocking checkpointing for optimistic simulation on myrinet clusters. *J. Parallel Distrib. Comput.*, 65(6):667–677, 2005.

[104] Sanguthevar Rajasekaran and Jaime Davila. Packet routing and selection on the pops network. *J. Parallel Distrib. Comput.*, 65(8):927–933, 2005.

[105] Thomas Rauber and Gudula Rünger. Tlib — a library to support programming with hierarchical multi-processor tasks. *J. Parallel Distrib. Comput.*, 65(3):347–360, 2005.

[106] Joel Seiferas. Networks for sorting multitonic sequences. *J. Parallel Distrib. Comput.*, 65(12):1601–1606, 2005.

[107] Fatih E. Sevilgen, Srinivas Aluru, and Natsuhiko Futamura. Parallel algorithms for tree accumulations. *J. Parallel Distrib. Comput.*, 65(1):85–93, 2005.

[108] Chi Shen, Jun Zhang, and Kai Wang. Distributed block independent set algorithms and parallel multilevel ilu preconditioners. *J. Parallel Distrib. Comput.*, 65(3):331–346, 2005.

[109] Wei Shi and Pradip K. Srimani. Leader election in hierarchical star network. *J. Parallel Distrib. Comput.*, 65(11):1435–1442, 2005.

[110] Edi Shmueli and Dror G. Feitelson. Backfilling with lookahead to optimize the packing of parallel jobs. *J. Parallel Distrib. Comput.*, 65(9):1090–1107, 2005.

[111] AlaaEldin Sleem and Anup Kumar. Handoff management in wireless data networks using topography-aware mobility prediction. *J. Parallel Distrib. Comput.*, 65(8):963–982, 2005.

[112] Wen-Zhan Song, Xiang-Yang Li, Yu Wang, and Weizhao Wang. db-blue: Low diameter and self-routing bluetooth scatternet. *J. Parallel Distrib. Comput.*, 65(2):178–190, 2005.

[113] Volker Strumpen and Arvind Krishnamurthy. A collision model for randomized routing in fat-tree networks. *J. Parallel Distrib. Comput.*, 65(9):1007–1021, 2005.

[114] Håkan Sundell and Philippas Tsigas. Fast and lock-free concurrent priority queues for multi-thread systems. *J. Parallel Distrib. Comput.*, 65(5):609–627, 2005.

[115] Zahir Tari, James Broberg, Albert Y. Zomaya, and Roberto Baldoni. A least flow-time first load sharing approach for distributed server farm. *J. Parallel Distrib. Comput.*, 65(7):832–842, 2005.

[116] Mahmut Taylan Kandemir. Improving whole-program locality using intra-procedural and inter-procedural transformations. *J. Parallel Distrib. Comput.*, 65(5):564–582, 2005.

[117] David Taylor. Scrolling partially ordered event displays. *J. Parallel Distrib. Comput.*, 65(5):643–653, 2005.

[118] Andrew Thaeler, Min Ding, and Xiuzhen Cheng. itps: An improved location discovery scheme for sensor networks with long-range beacons. *J. Parallel Distrib. Comput.*, 65(2):98–106, 2005.

[119] Abderezak Touzene, Khaled Day, and Burkhard Monien. Edge-disjoint spanning trees for the generalized butterfly networks and their applications. *J. Parallel Distrib. Comput.*, 65(11):1384–1396, 2005.

[120] Shengquan Wang, Dong Xuan, and Wei Zhao. Analyzing and enhancing the resilience of structured peer-to-peer systems. *J. Parallel Distrib. Comput.*, 65(2):207–219, 2005.

[121] Xiao Wu and Victor C.S. Lee. Wireless real-time on-demand data broadcast scheduling with dual deadlines. *J. Parallel Distrib. Comput.*, 65(6):714–728, 2005.

[122] Liyin Xue and Mehmet A. Orgun. Locking without requesting a lock: A consistency maintenance mechanism in internet-based real-time group editors. *J. Parallel Distrib. Comput.*, 65(7):801–814, 2005.

[123] Ruoyun Yang and Mitchell D. Theys. Rmf: Resource monitoring framework for integrating active and passive monitoring tools in grid environments. *J. Parallel Distrib. Comput.*, 65(11):1419–1428, 2005.

[124] Liangzhong Yin, Guohong Cao, and Ying Cai. A generalized target-driven cache replacement policy for mobile environments. *J. Parallel Distrib. Comput.*, 65(5):583–594, 2005.

[125] Qi Zhang and Dharma P. Agrawal. Dynamic probabilistic broadcasting in manets. *J. Parallel Distrib. Comput.*, 65(2):220–233, 2005.

[126] Xiao Zhang, Laxmi N. Bhuyan, and Wu-Chun Feng. Anatomy of udp and m-via for cluster communication. *J. Parallel Distrib. Comput.*, 65(10):1290–1298, 2005.