

Bacigalupo, D.A., Van Hemert, J., Chen, X., Usmani, A., Chester, A.P., He, L., Dillenberger, D.N., Wills, G.B., Gilbert, L., Jarvis, S.A.

[Managing dynamic enterprise and urgent workloads on clouds using layered queuing and historical performance models](#)  
(2011) Simulation Modelling Practice and Theory, 19 (6), pp. 1479-1495.

He, L., Calleja, M., Hayes, M., Jarvis, S.A.

[Performance prediction for running workflows under role-based authorization mechanisms](#)  
(2009) IPDPS 2009 - Proceedings of the 2009 IEEE International Parallel and Distributed Processing Symposium, art. no. 5161190, .

Zou, D., He, L., Jin, H., Chen, X.

[CRBAC: Imposing multi-grained constraints on the RBAC model in the multi-application environment](#)  
(2009) Journal of Network and Computer Applications, 32 (2), pp. 402-411.

Xue, J.W.J., Chester, A.P., He, L., Jarvis, S.A.

[Dynamic resource allocation in enterprise systems](#)  
(2008) Proceedings of the International Conference on Parallel and Distributed Systems - ICPADS, pp. 203-212.

Chester, A.P., Xue, J.W.J., He, L., Jarvis, S.A.

[A system for dynamic server allocation in application server clusters](#)  
(2008) Proceedings of the 2008 International Symposium on Parallel and Distributed Processing with Applications, ISPA 2008, art. no. 4725143, pp. 130-139.

He, L., Xue, J.W., Jarvis, S.A.

[Partition-based profit optimisation for multi-class requests in clusters of servers](#)  
(2007) Proceedings - ICEBE 2007: IEEE International Conference on e-Business Engineering - Workshops: SOAIC 2007; SOSE 2007; SOKM 2007, art. no. 4402084, pp. 131-138.

Xue, J.W.J., He, L., Jarvis, S.A.

[A scheduling algorithm for revenue maximisation for cluster-based internet services](#)  
(2007) Proceedings of the International Conference on Parallel and Distributed Systems - ICPADS, 2.

He, L., Jarvis, S.A., Spooner, D.P., Nudd, G.R.

[Performance evaluation of scheduling applications with DAG topologies on multiclusters with independent local schedulers](#)  
(2006) 20th International Parallel and Distributed Processing Symposium, IPDPS 2006, 2006.

He, L., Jarvis, S.A., Spooner, D.P., Jiang, H., Dillenberger, D.N., Nudd, G.R.

[Allocating non-real-time and soft real-time jobs in multiclusters](#)  
(2006) IEEE Transactions on Parallel and Distributed Systems, 17 (2), pp. 99-111.

He, L., Jarvis, S.A., Spooner, D.P., Bacigalupo, D., Tan, G., Nudd, G.R.

[Mapping DAG-based applications to multiclusters with background workload](#)  
(2005) 2005 IEEE International Symposium on Cluster Computing and the Grid, CCGrid 2005, 2, pp. 855-862.

Bacigalupo, D.A., Jarvis, S.A., He, L., Spooner, D.P., Nudd, G.R.

[Comparing layered queuing and historical performance models of a distributed enterprise application](#)  
(2005) Proceedings of the IASTED International Multi-Conference on Applied Informatics, art. no. 456-136, pp. 608-613.

- Bacigalupo, D.A., Jarvis, S.A., He, L., Spooner, D.P., Dillenberger, D.N., Nudd, G.R.  
[An investigation into the application of different performance prediction methods to distributed enterprise applications](#)  
(2005) Journal of Supercomputing, 34 (2), pp. 93-111.
- Tan, G., Jarvis, S.A., He, L., Chen, X., Spooner, D.P., Nudd, G.R.  
[Modelling web transfer performance over asymmetric networks](#)  
(2005) Proceedings of the International Conference on Parallel and Distributed Systems - ICPADS, 2, pp. 110-114.
- Spooner, D.P., Cao, J., Jarvis, S.A., He, L., Nudd, G.R.  
[Performance-aware workflow management for grid computing](#)  
(2005) Computer Journal, 48 (3), pp. 347-357.
- Jarvis, S.A., He, L., Spooner, D.P., Nudd, G.R.  
[The impact of predictive inaccuracies on execution scheduling](#)  
(2005) Performance Evaluation, 60 (1-4), pp. 127-139.
- He, L., Jarvis, S.A., Spooner, D.P., Chen, X., Nudd, G.R.  
[Hybrid Performance-Oriented Scheduling of Moldable Jobs with QoS Demands in Multiclusters and Grids](#)  
(2004) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 3251, pp. 217-224.
- He, L., Jarvis, S.A., Spooner, D.P., Chen, X., Nudd, G.R.  
[Dynamic scheduling of parallel jobs with QoS demands in multiclusters and grids](#)  
(2004) Proceedings - IEEE/ACM International Workshop on Grid Computing, pp. 402-409.
- He, L., Jarvis, S.A., Spooner, D.P., Nudd, G.R.  
[Optimising static workload allocation in multiclusters](#)  
(2004) Proceedings - International Parallel and Distributed Processing Symposium, IPDPS 2004 (Abstracts and CD-ROM), 18, pp. 531-540.
- He, L., Jarvis, S.A., Bacigalupo, D., Spooner, D.P., Nudd, G.R.  
[Performance-aware load balancing for multiclusters](#)  
(2004) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 3358, pp. 635-647.
- Bacigalupo, D.A., Jarvis, S.A., He, L., Nudd, G.R.  
[An Investigation into the application of different performance prediction techniques to e-Commerce applications](#)  
(2004) Proceedings - International Parallel and Distributed Processing Symposium, IPDPS 2004 (Abstracts and CD-ROM), 18, pp. 3395-3402.
- He, L., Jarvis, S.A., Spooner, D.P., Nudd, G.R.  
[Performance-based dynamic scheduling of hybrid real-time applications on a cluster of heterogeneous workstations](#)  
(2004) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2790, pp. 195-200.
- He, L., Jarvis, S.A., Bacigalupo, D., Spooner, D.P., Chen, X., Nudd, G.R.  
[Queueing network-based optimisation techniques for workload allocation in clusters of computers](#)  
(2004) Proceedings - 2004 IEEE International Conference on Services Computing, SCC 2004, pp. 207-216.
- He, L., Jarvis, S.A., Spooner, D.P., Chen, X., Nudd, G.R.  
[Hybrid performance-based workload management for multiclusters and grids](#)  
(2004) IEE Proceedings: Software, 151 (5), pp. 224-231.