

1 Publications

International peer reviewed journal [ACL]

2015

- [1] J. Blazewicz, S. Kedad-Sidhoum, F. Monna, G. Mounié, and D. Trystram. A study of scheduling problems with preemptions on multi-core computers with GPU accelerators. *Discrete Applied Mathematics*, 196 :72–82, 2015.
- [2] R. Bleuse, S. Kedad-Sidhoum, F. Monna, G. egory Mounié, and D. Trystram. Scheduling Independent Tasks on Multi-Cores with GPU Accelerators. *Concurrency and Computations : practice and experience*, 27(6) :1625–1638, 2015.
- [3] M. Bougeret, P.-F. Dutot, D. Trystram, K. Jansen, and C. Robenek. Improved approximation algorithms for scheduling parallel jobs on identical clusters. *Theor. Comput. Sci.*, 600 :70–85, 2015.
- [4] J. Cohen, D. Cordeiro, and D. Trystram. Coordination mechanisms for decentralized parallel systems. *Concurrency and Computations : practice and experience*, 27(5) :1255–1272, 2015.
- [5] Y. Hendel, W. Kubiak, and D. Trystram. Scheduling semi-malleable jobs to minimize mean flow time. *J. of Scheduling*, 18(4), 2015.

2014

- [6] J. Blazewicz, N. Cheriére, P.-F. Dutot, J. Musial, and D. Trystram. Novel dual discounting functions for the Internet shopping optimization problem : new algorithms. *J. of Scheduling*, to appear, 2014.
- [7] R. Bleuse, S. Kedad-Sidhoum, F. Monna, G. Mounié, and D. Trystram. Scheduling independent tasks on multi-cores with GPU accelerators. *Concurrency and Computations : Practice and Experience*, page to appear, 2014.
- [8] M.-S. Bouguerra, D. Kondo, F. Mendonca, and D. Trystram. Fault-tolerant Scheduling on Parallel Systems with Non-memoryless Failure Distributions. *J. Parallel Distrib. Comput.*, 74(5) :2411–2422, 2014.

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- [9] M. Bougeret, P.-F. Dutot, and D. Trystram. Moderately exponential approximation for makespan minimization on related machines. *Theoretical Computer Science*, 511 :32–41, 2013.
- [10] M. S. Bouguerra, D. Trystram, and F. Wagner. Complexity Analysis of Checkpoint Scheduling with Variable Costs. *IEEE Transactions on Computers*, 62(6) :1269–1275, 2013.
- [11] M. Tchiboukdjian, N. Gast, and D. Trystram. Decentralized list scheduling. *Annals OR*, 207(1) :237–259, 2013.

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- [12] E. Jeannot, É. Saule, and D. Trystram. Optimizing Performance and reliability on heterogeneous parallel systems : Approximation algorithms and heuristics. *Journal of Parallel and Distributed Computing*, 72(2) :268–280, 2012. doi : 10.1016/j.jpdc.2011.11.003.
- [13] D. Trystram. Les riches heures de l’ordonnancement. *TSI (Revue des sciences et technologies de l’information)*, 31(8-10) :1021–1047, 2012. doi : 10.3166/tsi.31.1021-1047.

2011

- [14] M. Bougeret, P.-F. Dutot, A. Goldman, Y. Ngoko, and D. Trystram. Approximating the discrete resource sharing scheduling problem. *International Journal of Foundations of Computer Science*, 22(3), 2011. DOI : 10.1142/s0129054111008271.
- [15] M. Bougeret, P.-F. Dutot, K. Jansen, C. Robenek, and D. Trystram. Approximation algorithms for multiple strip packing and scheduling parallel jobs in platforms. *DMAA – Discrete Mathematics, Algorithms and Applications*, 3(4) :553–586, 2011. doi : 10.1142/S1793830911001413.
- [16] J. Cohen, D. Cordeiro, D. Trystram, and F. Wagner. Multi-organization scheduling approximation algorithms. *Concurrency and Computations : Practice and experience*, 23(17) :2220–2234, dec 2011.
- [17] P.-F. Dutot, F. Pascual, K. Rządca, and D. Trystram. Approximation Algorithms for the Multi-Organization Scheduling Problem. *IEEE Transactions on Parallel and Distributed Systems*, 99(PrePrints), 2011.
- [18] A. Mahjoub, J. E. Pecero-Sánchez, and D. Trystram. Scheduling with uncertainties on new computing platforms. *Computational Optimization and Applications*, 48(2) :369–398, 2011.

Summary

	2011	2012	2013	2014	2015	Total
International peer reviewed journal [ACL]	5	2	3	3	5	18
Total	5	2	3	3	5	18