

List of Publications of the CoDE–IRIDIA–Metaheuristics Unit

Books and edited books

- [1] L. Di Gaspero, A. Schaerf, and T. Stützle. *Advances in Metaheuristics*. Volume 53 in *Operations Research/Computer Science Interfaces* series, Springer Verlag, New York, NY, 2013.
- [2] M. Dorigo, M. Birattari, C. Blum, A. L. Christensen, A. P. Engelbrecht, R. Groß, and T. Stützle. *Swarm Intelligence, 8th International Conference, ANTS 2012*. Volume 7461 in *Lecture Notes in Computer Science*, Springer Verlag, Heidelberg, Germany, 2012.
- [3] L. Di Gaspero, A. Schaerf, and T. Stützle. *Proceedings of the 9th Metaheuristic International Conference 2011*. Udine, Italy, 25–28 July 2011.
- [4] M. Dorigo, M. Birattari, G. A. Di Caro, R. Doursat, A. P. Engelbrecht, D. Floreano, L. M. Gambardella, R. Groß, E. Sahin, H. Sayama, and T. Stützle. *Swarm Intelligence, 7th International Conference, ANTS 2010*. Volume 6234 in *Lecture Notes in Computer Science*, Springer Verlag, Heidelberg, Germany, 2010.
- [5] T. Stützle. *Learning and Intelligent Optimization, Third International Conference, LION 3*. Volume 5851 in *Lecture Notes in Computer Science*, Springer Verlag, Heidelberg, Germany, 2009.
- [6] V. Maniezzo, T. Stützle, and S. Voß. *Matheuristics: Hybridizing Metaheuristics and Mathematical Programming*. Springer Verlag, New York, 2009.
- [7] M. Birattari. *Tuning Metaheuristics: A machine learning perspective*. Volume 197 of *Studies in Computational Intelligence*. Springer, Berlin, Germany, 2009.
- [8] T. Stützle, M. Birattari, and H. H. Hoos, editors. *Engineering Stochastic Local Search Algorithms—Designing, Implementing and Analyzing Effective Heuristics*, Volume 5217 of *Lecture Notes in Computer Science*. Springer Verlag, Berlin, 2009.
- [9] M. Dorigo, M. Birattari, C. Blum, M. Clerc, T. Stützle, and A. F.T. Winfield, editors. *Ant Colony Optimization and Swarm Intelligence, 6th International Conference, ANTS 2008*, Volume 5752 of *Lecture Notes in Computer Science*. Springer Verlag, Heidelberg, 2008.
- [10] D. Thierens, H.-G. Beyer, M. Birattari, J. Bongard, J. Branke, J. A. Clark, D. Cliff, C. B. Congdon, K. Deb, B. Doerr, T. Kovacs, S. Kumar, J. F. Miller, J. Moore, F. Neumann, M. Pelikan, R. Poli, K. Sastry, K. Owen Stanley, T. Stützle, R. A. Watson, and I. Wegener, editors. *Proceedings of the 9th Annual Conference on Genetic and Evolutionary Computation*. ACM Press, New York, NY, USA, 2007.
- [11] T. Stützle, M. Birattari, and H. H. Hoos, editors. *Engineering Stochastic Local Search Algorithms, International Workshop, SLS 2007*, volume 4638 of *Lecture Notes in Computer Science*. Springer Verlag, Berlin, Germany, 2007.
- [12] M. Dorigo, L. M. Gambardella, M. Birattari, A. Martinoli, R. Poli, and T. Stützle, editors. *Ant Colony Optimization and Swarm Intelligence: 5th International Workshop, ANTS 2006*, volume 4150 of *Lecture Notes in Computer Science*. Springer-Verlag, Berlin, Germany, 2006.
- [13] M. Birattari. *The Problem of Tuning Metaheuristics as Matheuristics Seen from a Machine Learning Perspective*, volume 292 of *DISKI*. Infix, AKA/IOS Press, Berlin, Germany, 2005.

- [14] M. Dorigo and T. Stützle. *Ant Colony Optimization*. MIT Press, Cambridge, MA, 2004.
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- [32] F. Hutter and M. A. Montes de Oca. Proceedings of *SLS-DS 2009: Doctoral Symposium on Engineering Stochastic Local Search Algorithms*. Brussels, Belgium, 4 September, 2009.
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- [39] IJ.56 T. Liao, D. Aydin, and T. Stützle. *Artificial Bee Colonies for Continuous Optimization: Framework, Experimental Analysis, and Improvements*. Accepted for publication in *Swarm Intelligence*.
- [40] IJ.55 T. Liao, K. Socha, M. A. Montes de Oca, T. Stützle, and M. Dorigo. *Ant Colony Optimization for Mixed-Variable Optimization Problems*. Accepted for publication in *IEEE Transactions on Evolutionary Computation*.
- [41] IJ.54 S. Ceschia, A. Schaerf, and T. Stützle. *Local Search Techniques for a Routing–Packing Problem*. Accepted for publication in *Computers & Industrial Engineering*.
- [42] IJ.53 F. Mascia, P. Pellegrini, T. Stützle, and M. Birattari. *An Analysis of Parameter Adaptation in Reactive Tabu Search*. Accepted for publication in *International Transactions on Operations Research*.
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