

List of Publications - RNDr. Tomáš Balyo

11. 6. 2014

Journals

1. Martin Babka, Tomáš Balyo, Ondřej Čepek, Štefan Gurský, Petr Kučera, Václav Vlček: *Complexity issues related to propagation completeness*, Artificial Intelligence, Volume 203, October 2013, Pages 19–34, ISSN 0004-3702

Conferences

1. Tomáš Balyo: *Relaxing the Relaxed Exist-Step Parallel Planning Semantics*, Proceedings of the 25th International Conference on Tools with Artificial Intelligence (ICTAI), 2013, Pages 865-871, IEEE Press, ISBN 978-1-4799-2971-9
2. Martin Babka, Tomáš Balyo, Jaroslav Keznikl: *Solving SMT Problems with a Costly Decision Procedure by Finding Minimum Satisfying Assignments of Boolean Formulas*, Software Engineering Research, Management and Applications, Studies in Computational Intelligence, Volume 496, 2014, Pages 231-246, ISBN 978-3-319-00947-6
3. Tomáš Balyo, Roman Barták, Pavel Surynek: *Shortening Plans by Local Re-Planning*, Proceedings of the 24th International Conference on Tools with Artificial Intelligence (ICTAI), 2012, Pages 1022-1028, IEEE Press, ISBN 978-0-7695-4915-6
4. Tomáš Balyo, Roman Barták, Pavel Surynek: *On Improving Plan Quality via Local Enhancements*, Proceedings of the 5th Annual Symposium on Combinatorial Search (SOCS), 2012, Pages 154-156, AAAI Press, ISBN 978-1-57735-584-7
5. Tomáš Balyo, Štefan Gurský, Petr Kučera, Václav Vlček: *On Hierarchies over the SLUR Class*, Proceedings of the International Symposium on Artificial Intelligence and Mathematics (ISAIM), 2012, Pages 1-6, electronic proceedings: <http://www.cs.uic.edu/bin/view/Isaim2012/AcceptedPapers>
6. Tomáš Balyo and Pavel Surynek: *Efektivní heuristika pro SAT založená na znalosti komponent souvislosti grafu problému (An Efficient Heuristic for SAT Exploiting Connected Components of the Problem)*, Proceedings of the Conference Znalosti 2009, Pages 35-46, Slovenská technická univerzita v Bratislave, ISBN 978-80-227-3015-0

Workshops

1. Tomáš Balyo, Lukáš Chrupa: *Eliminating All Redundant Actions from Plans Using SAT and MaxSAT*, Proceedings of the 5th Workshop on Knowledge Engineering for Planning and Scheduling (KEPS), 2014, Pages 16-22, electronic proceedings: http://icaps14.icaps-conference.org/proceedings/keps/KEPS_proceedings.pdf
2. Tomáš Balyo, Dan Toropila, Roman Barták: *Two Semantics for Step-Parallel Planning: Which One to Choose?*, Proceedings of the 29th Workshop of the UK Special Interest Group on Planning and Scheduling (PLANSIG), 2011, Pages 9-15, University of Huddersfield, ISSN: 1368-5708