List of Publications: Stefan Edelkamp

Classification


Books


[B-12] Stefan Edelkamp. *Algorithmic Intelligence – A Key Revenue Driver*. Springer. 2017.  [P] [R] [H] [E] [V] [G] [A] [M] [L] [S] [O] [B]


[B-10] Amanda Coles, Andrew Coles, Stefan Edelkamp, Daniele Magazzini, and Scott Sanner (Eds.). *International Conference on Automated Planning and Scheduling*. AAAI Press, 2016.  [P] [H] [E] [V] [G] [A] [M] [L] [S] [O] [B]

[B-9] Stefan Edelkamp, and Roman Bartak (Eds.). *Symposium of Combinatorial Search*. AAAI Press, 2014.  [P] [H] [E] [V] [G] [A] [M] [L] [S] [O] [B]

[B-8] Stefan Edelkamp, and Stefan Schrödl. *Heuristic Search: Theory and Applications*. Morgan Kaufmann – Elsevier Science. 2012.  [P] [H] [E] [V] [G] [M] [L] [B]


[B-6] Stefan Edelkamp, and Joscha Bach (Eds.). *KI 2011: Advances in Artificial Intelligence, 34th Annual German Conference on AI*. Springer, Lecture Notes in Artificial Intelligence, volume 7006, 2011.  [P] [H] [E] [V] [G] [A] [M] [L]


[B-4] Stefan Edelkamp, and Alessio Lomuscio (Eds.). *Model Checking and Artificial Intelligence*. Springer, Lecture Notes in Artificial Intelligence, volume 4428, 2007.  [V] [P] [H]

[B-3] Stefan Edelkamp. *Heuristic Search*. Habilitation. Institut für Informatik, and Angewandte Wissenschaften, Universität Freiburg, 2003.  [P] [H] [E] [V] [G] [L]


[C-10] Stefan Edelkamp, Max Gath, Christoph Greulich, Malte Humann, Otthein Herzog, and Michael Lawo. *Monte-Carlo Tree Search in Logistics*. In Uwe Clausen, Hanno Friedrich, Carina Thaller, Christiane Geiger (Eds.), *Commercial Transport*, Springer, 2015, 427-440. [H] [R] [O]


[C-8] Stefan Edelkamp, Max Gath, Christoph Greulich, Malte Human, and Tobias Warden. *PLASM-MA Multiagent Simulation Last-Mile Connectivity Bangalore*. In Otthein Herzog, Ulrich Glotzbach (Eds.), acatech (Deutsche Akademie der Technikwissenschaften) *German Indian Partnership for IT-Systems*, München/Berlin 2014, 129-185. [R] [A] [O]


[J-4] Stefan Edelkamp, and Patrick Stiegeler. *Implementing HEAPSORT with n log n – 0.9n and QUICKSORT with n log n + 0.2n Comparisons*. ACM Journal of Experimental Algorithmics, volume 7, 2002. [E]


**Conference Papers**

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[C-124] Stefan Edelkamp. *Deep or Wide? Learning Policy and Value Networks for Combinatorial Games*. IJCAI-Workshop on Computers and Games (CGW), New York, 2016. [L] [H] [G]

[C-123] Stefan Edelkamp, and Tristan Cazenave. *Improved Diversity Nested Rollout Policy Adaptation*. German Conference on Artificial Intelligence (KI), Klagenfurt, 2016. [H] [G]

[C-122] Stefan Edelkamp, Christoph Greulich, and Denis Golubev. *Solving the Physical Vehicle Routing Problem for Improved Multi-Robot Freespace Navigation*. German Conference on Artificial Intelligence (KI), Klagenfurt, 2016. [A] [M] [O]

[C-121] Stefan Edelkamp, and Fritz Jacob. *Learning Event Time Series for the Automated Quality Control of Videos*. German Conference on Artificial Intelligence (KI), Klagenfurt, 2016. [L]


2015

[C-117] Stefan Edelkamp and Zihao Tang. Monte-Carlo Tree Search for the Multiple Sequence Alignment Problem. Symposium on Combinatorial Search (SOCS). En Gedi, 2015. [H] [B]


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[C-94] Stefan Edelkamp, Max Gath, Tristan Cazenave, and Fabien Teytaud. *Algorithm and Knowledge Engineering for the TSPTW Problem*. IEEE Symposium Series on Computational Intelligence (SSCI), Singapore, 2013. [H][R][O]


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[C-60] Stefan Edelkamp, and Damian Sulewski. Flash-Efficient LTL Model Checking with Minimal Counterexamples. Software Engineering and Formal Methods (SEFM), Cape Town, pages 73-82, 2008. [V]


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[C-44] Stefan Edelkamp, and Peter Kissmann. Externalizing the Multiple Sequence Alignment Problem with Affine Gap Costs. German Conference on Artificial Intelligence (KI). Osnabrück, LNCS 4467, pages 444-447, 2007. [H] [B]


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[C-41] Stefan Edelkamp, Shahid Jabbar, and Alberto Lluch-Lafuente. Heuristic Search for the Analysis of Graph Transition Systems. International Conference on Graph Transformation (ICGT). Natal, LNCS 4178, pages 414-429, 2006. [H] [V]


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[C-1] Stefan Edelkamp. *Suffix Tree Automata in State Space Search*. German Conference on Artificial Intelligence (KI). Freiburg, pages 381-385, 1997. [H] [L]