

## Mgr. Tomáš Ebenlendr, Ph.D.

### Bibliography and Citatitons

I was the autor or coauthor of nine conference talks with reviewed proceedings. Three of them were later published in journals. My papers have 45 unique citations in 40 publications.

#### Articles related to my thesis

- [j1] Tomáš Ebenlendr and Jiří Sgall. Optimal and online preemptive scheduling on uniformly related machines. *Journal of Scheduling*, 12:517–527, 2009.  
This article contains the main idea from my masters thesis. Cited in [5].
- [c1] Tomáš Ebenlendr and Jiří Sgall. Optimal and online preemptive scheduling on uniformly related machines. In *Proc. 21st Symp. on Theoretical Aspects of Computer Science (STACS)*, volume 2996 of *Lecture Notes in Comput. Sci.*, pages 199–210. Springer, 2004.  
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- [j3] Tomáš Ebenlendr and Jiří Sgall. Semi-online preemptive scheduling: One algorithm for all variants. *Theory of Computing Systems*, pages 1–37, 2010.
- [c3] Tomáš Ebenlendr and Jiří Sgall. Semi-online preemptive scheduling: One algorithm for all variants. In *Proc. 26th Symp. on Theoretical Aspects of Computer Science (STACS)*, volume 3 of *LIPICs*, pages 346–360. Schloss Dagstuhl - Leibniz-Zentrum fuer Informatik, Germany, 2009.  
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- [c4] Tomáš Ebenlendr. Semi-online Preemptive Scheduling: Study of Special Cases. In *Proc. 8th Parallel Processing and Applied Mathematics*, volume 6068 of *Lecture Notes in Comput. Sci.*, pages 11–20. Springer, 2010.
- [c5] Tomáš Ebenlendr and Jiří Sgall. A lower bound on deterministic online algorithms for scheduling on related machines without preemption. To appear in *Proc. 9th International Workshop in Approximation and Online Algorithms*, volume ? of *Lecture Notes in Comput. Sci.*. Springer, 2012.

## Other articles

- [c6] Jihuan Ding, Tomáš Ebenlendr, Jiří Sgall, and Guochuan Zhang. Online scheduling of equal-length jobs on parallel machines. In *Proc. 15th European Symp. on Algorithms (ESA)*, volume 4698 of *Lecture Notes in Comput. Sci.*, pages 427–438. Springer, 2007. Cited in [19, 22, 23, 27, 30, 31].
- [c7] Tomáš Ebenlendr, John Noga, Jiří Sgall, and Gerhard Woeginger. A note on semi-online machine covering. In *Proc. 3rd International Workshop in Approximation and Online Algorithms*, volume 3879 of *Lecture Notes in Comput. Sci.*, pages 110–118. Springer, 2006. Cited in [25, 26, 29, 38, 39].
- [c8] Tomáš Ebenlendr, Marek Krčál, and Jiří Sgall. Graph balancing: a special case of scheduling unrelated parallel machines. In *Proc. 19th Symp. on Discrete Algorithms (SODA)*, pages 483–490. ACM/SIAM, 2008. Cited in [15, 16, 17, 18, 20, 21, 24, 28, 32, 33, 34, 35, 36, 37, 40].
- [c9] Tomáš Ebenlendr and Jiří Sgall. A Lower Bound for Scheduling of Unit Jobs with Immediate Decision on Parallel Machines. In *Proc. 6th International Workshop in Approximation and Online Algorithms*, volume 5426 of *Lecture Notes in Comput. Sci.*, pages 43–52. Springer, 2009. Cited in [19, 23, 27].

## Citations of articles related to my thesis

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- [2] Vinay Devadas, Fei Li, and Hakan Aydin. Competitive analysis of online real-time scheduling algorithms under hard energy constraint. *Real-Time Systems*, 46:88–120, 2010. Cites [c3].
- [3] György Dósa and Leah Epstein. Preemptive scheduling on a small number of hierarchical machines. *Information and Computation*, 206:602–619, 2008. Cites [c2].
- [4] György Dósa and Leah Epstein. Preemptive Online Scheduling with Reordering. Preemptive online scheduling: Optimal algorithms for all speeds. In *Proc. 17th European Symp. on Algorithms (ESA)*, volume 5757 of *Lecture Notes in Comput. Sci.*, pages 456–467. Springer, 2009. Cites [j2, c3].
- [5] Leah Epstein and Asaf Levin. Robust Algorithms for Preemptive Scheduling. In *Proc. 19th European Symp. on Algorithms (ESA)*, volume 6942 of *Lecture Notes in Comput. Sci.*, pages 567–578. Springer, 2011. Cites [j2, j1].
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- [7] Leah Epstein and Arik Ganot. Optimal on-line algorithms to minimize makespan on two machines with resource augmentation. *Theory of Computing Systems*, 42:431–449, 2008. Cites [c2].

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- [9] Yong He and Yiwei Jiang. Preemptive semi-online scheduling on parallel machines with inexact partial information. *Algorithms and Computation*, pages 422–432, 2005. Cites [c1].
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- [15] Arash Asadpour, Uriel Feige, and Amin Saberi. Santa Claus meets hypergraph matchings. *Approximation, Randomization and Combinatorial Optimization. Algorithms and Techniques*, pages 10–20, 2008. Cites [c8].
- [16] Yuichi Asahiro, Jesper Jansson, Eiji Miyano, and Hirotaka Ono. Graph Orientation to Maximize the Minimum Weighted Outdegree. In *Proc. 23rd International Parallel and Distributed Processing Symposium (IPDPS)*, pages 1113–1120, IEEE, 2009. Cites [c8].
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