

Dr Łukasz Jeż
Lista publikacji
z dnia 31 października 2013

Publikacje w czasopismach:

1. Jeż Ł., **A Universal Randomized Packet Scheduling Algorithm**, *Algorithmica* 67(4): 498-515 (2013) (wydanie specjalne)
2. Jeż Ł., Schwartz J., Sgall J., Békési J., **Lower bounds for online makespan minimization on a small number of related machines**, *Journal of Scheduling* 16(5): 539-547 (2013)
3. Bieńkowski M., Chrobak M., Dürr C., Hurand M., Jeż A., Jeż Ł., Stachowiak G., **A φ -Competitive Algorithm for Collecting Items with Increasing Weights from a Dynamic Queue**, *Theoretical Computer Science* 475: 92-102 (2013)
4. Bieńkowski M., Chrobak M., Dürr C., Hurand M., Jeż A., Jeż Ł., Stachowiak G., **Collecting weighted items from a dynamic queue**, *Algorithmica* 65(1): 60-94 (2013)
5. Jeż Ł., Li F., Sethuraman J., Stein C., **Online Scheduling of Packets with Agreeable Deadlines**, *ACM Transactions on Algorithms* 9(1): 5 (2012)
6. Dürr C., Jeż Ł., Nguyen K.T., 2012, **Online Scheduling of Bounded Length Jobs to Maximize Throughput**, *Journal of Scheduling* 15(5): 653-664 (2012)
7. Bieńkowski M., Chrobak M., Jeż Ł., 2011, **Randomized competitive algorithms for online buffer management in the adaptive adversary model**, *Theoretical Computer Science* 412(39): 5121–5131

w druku:

8. Chrobak M., Jeż Ł., Sgall J., **Better Bounds for Incremental Frequency Allocation in Bipartite Graphs**, *Theoretical Computer Science* (wydanie specjalne); artykuł dostępny na stronie wydawcy: DOI: [10.1016/j.tcs.2012.05.02](https://doi.org/10.1016/j.tcs.2012.05.02)
9. Gawrychowski P., Jeż A., Jeż Ł., **Validating the Knuth-Morris-Pratt failure function, fast and online**, *Theory of Computing Systems* (wydanie specjalne)

Prace pokonferencyjne i doniesienia zjazdowe:

1. Bieńkowski M., Byrka J., Chrobak M., Jeż Ł., Sgall J., Stachowiak G., 2013, **Online Control Message Aggregation in Chain Networks**, *Algorithms and Data Structures Symposium, Lecture Notes in Computer Science* 8037: 133–145
2. Epstein L., Jeż Ł., Sgall J., Van Stee R., 2012, **Online Scheduling of Jobs with Fixed Start Times on Related Machines**, *Approximation, Randomization, and Combinatorial Optimization. Algorithms and Techniques, Lecture Notes in Computer Science* 7408: 134–145
3. Jeż Ł., 2011, **One to rule them all: A general randomized algorithm for buffer management with bounded delay**, *Algorithms – ESA 2011, Lecture Notes in Computer Science* 6942: 239–250
4. Chrobak M., Jeż Ł., Sgall J., 2011, **Better Bounds for Incremental Frequency Allocation in**

- Bipartite Graphs*, *Algorithms – ESA 2011, Lecture Notes in Computer Science* 6942: 251–262
5. Gawrychowski P., Jeż A., Jeż Ł., 2010, **Validating the Knuth-Morris-Pratt Failure Function, Fast and Online**, *Computer Science – Theory and Applications, Lecture Notes in Computer Science* 6072: 132–143
 6. Jeż Ł., 2010, **Randomized Algorithm for Agreeable Deadlines Packet Scheduling**,
 7. *International Symposium on Theoretical Aspects of Computer Science, Leibniz International Proceedings in Informatics*
 8. Dürr C., Jeż Ł., Nguyen K.T., 2009, **Online Scheduling of Bounded Length Jobs to Maximize Throughput**, *Approximation and Online Algorithms, Lecture Notes in Computer Science* 5893: 116–127
 9. Bieńkowski M., Chrobak M., Dürr C., Hurand M., Jeż A., Jeż Ł., Stachowiak G., 2009, **Collecting weighted items from a dynamic queue**, *Annual ACM-SIAM Symposium on Discrete Algorithms*: 1126–1135
 10. Bieńkowski M., Chrobak M., Jeż Ł., 2008, **Randomized Algorithms for Buffer Management with 2-Bounded Delay**, *Approximation and Online Algorithms, Lecture Notes in Computer Science* 5426: 92–104

w druku:

11. Bieńkowski M., Byrka J., Chrobak M., Jeż Ł., Nogneng D., Sgall J., Stachowiak G., 2014, **Better Approximation Bounds for the Joint Replenishment Problem**. *Annual ACM-SIAM Symposium on Discrete Algorithms*
12. Dürr C., Jeż Ł., Vásquez O. C., 2013, **Mechanism design for aggregating energy consumption and quality of service in speed scaling scheduling**, *Conference on Web and Internet Economics, Lecture Notes in Computer Science* 8289: 132–143
13. Cygan M., Jeż Ł., 2013, **Online Knapsack Revisited**. *Workshop on Approximation and Online Algorithms*