

Date: 29.4.2014

Resume

Full name: Asaf Levin
Date and Place of Birth: 20.8.1974 Tel-Aviv, Israel.
Marital Status: Married.
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Academic Degrees

B.Sc.	1995	Computer Science and Mathematics	Tel-Aviv University.
M.Sc.	1998	Operations Research	Tel-Aviv University.
Ph.D.	2003	Operations Research (with distinction)	Tel Aviv University.

Academic Appointments

Starting 2011, (tenured since 2013)	Associate Professor, Faculty of Industrial Engineering and Management, Technion.
2008 - 2011,	Senior Lecturer, Faculty of Industrial Engineering and Management, Technion.
2004 - 2008,	Lecturer, Statistics department, The Hebrew university.
2003 - 2004,	Postdoctoral fellow, Faculty of Industrial Engineering and Management, Technion.

Professional Experience

1995-2001, Research staff member, Israeli Defense Force (IDF).

Research Interests

Algorithms, Approximation algorithms, Combinatorial optimization, Scheduling, Covering and packing problems, Network design, Flow networks.

Teaching Experience

The Technion

Linear Dynamic Systems	Undergraduate
Discrete Mathematics	Undergraduate
Systems Design and Analysis 1	Graduate
Linear and Combinatorial Optimization	Graduate
Approximation Algorithms	Undergraduate (new course)
Algorithmic methods for solving scheduling problems	Undergraduate (new course)
Algorithmic graph theory	Undergraduate (new course)

The Hebrew University

Computational Methods in Non-linear Programming	Graduate	
Introduction to Operations Research - Deterministic Models	Undergraduate	
Linear Programming	Graduate	
Non-linear Programming	Graduate	
Advanced Topics in Combinatorial Optimization	Graduate	(new course)
Basics: Probability, Data and Computers	Undergraduate	
Topics in Integer Programming	Graduate	(new course)
Approximation Algorithms	Graduate	(new course)

Tel-Aviv University

Statistics to M.A students in political sciences Graduate

Technion Activities

2012-2014 Technion committee of the ME program in applied mathematics

Departmental Activities

2008-2012 Coordinator of the operations research seminar

2012-2013 Member of the undergraduate teaching committee

Public Professional Activities

1. 2006-2007: Chair of the program and organizing committee of the ORSIS (Operations Research Society of Israel) annual meeting 2007.
2. 2008-2009: Chair of the program committee and chair of the organizing committee of the ECCO (European Chapter on Combinatorial Optimization) annual meeting 2009.
3. 2010: Member of the program committee of the 4th Annual International Conference on Combinatorial Optimization and Applications (COCOA 2010).
4. 2012: Member of the program committee of the 20th European Symposium on Algorithms (ESA 2012) - Design and Analysis Track (Track A).
5. 2013: Member of the program committee of the 11th Workshop on Models and Algorithms for Planning and Scheduling Problems (MAPSP 2013).
6. 2014: Member of the program committee of the 8th Annual International Conference on Combinatorial Optimization and Applications (COCOA 2014).
7. 2015: Member of the program committee of the 42nd International Colloquium on Automata, Languages and Programming (ICALP 2015) - Algorithms, Complexity and Games Track (Track A).
8. Starting 2008 : Member of the editorial board of the journal "Asia-Pacific Journal of Operational Research".
9. Starting 2008 : Member of the editorial board of the journal "Journal of Combinatorial Optimization".

Membership in Professional Societies

MOS, EATCS.

Fellowships, Awards and Honors

1. 2004 - The ORSIS (Operations Research Society of Israel) prize for excellent work in operations research of 2004 for the paper 13.
2. 2008 - The 2008 Glover-Klingman prize for the best paper(s) of the year published in Networks for the papers 30 and 31.

Graduate Students

Completed Theses

2012 (PhD)	Uri Yovel	“Worst case analysis of local search based heuristics”
2010 (MSc)	Aleksander Vainer	“Price of adaptivity in stochastic knapsack problem with dependence on state of nature assumption”
2012 (MSc)	Boaz Farbstein	“Min-max cover of graph with a constant number of parts”
2013 (MSc)	Tal Shusterman	“Weighted throughput in a single machine preemptive scheduling with continuous controllable processing times”
2013 (MSc)	Yuval Michael	“Graph clustering to minimize the sum of radii with fixed costs”
2013 (MSc)	Ron Presburger	“PTAS for minimizing weighted completion time on a hierarchical set of machines”

Theses in progress

2014 (PhD)	Aleksander Vainer
2016 (PhD)	Boaz Farbstein
2014 (Msc)	Ishai Kones

Publications

Theses:

M.Sc. Thesis. Graphs which are k -connected and graph decomposable into k disjoint spanning trees. Thesis Advisor: R. Hassin.

Ph.D. Thesis. Synthesis of flow networks. Thesis Advisor: R. Hassin.

Refereed papers in professional journals: (papers with my students are marked with *)

1. R. Hassin and A. Levin, “Approximation algorithms for constructing wavelength routing networks”, *Networks*, **40**, 32-37, 2002.
2. R. Hassin and A. Levin, “Graphs decomposable into two trees and k -edge-connected subgraphs”, *Discrete Applied Mathematics*, **126**, 181-195, 2003.
3. O. Goldschmidt, D. S. Hochbaum, A. Levin and E.V. Olinick, “The SONET-edge partition problem”, *Networks*, **41**, 13-23, 2003.
4. R. Hassin and A. Levin, “Minimum spanning tree with hop restrictions”, *Journal of Algorithms*, **48**, 220-238, 2003.
5. R. Hassin, A. Levin and D. Morad, “Lexicographic local search and the p -center problem”, *European Journal of Operational Research*, **151**, 265-279, 2003.

6. R. Hassin and A. Levin, "Minimum restricted diameter spanning trees", *Discrete Applied Mathematics*, **137**, 343-357, 2004. An extended abstract version of this paper appeared as paper 90.
7. R. Hassin and A. Levin, "Synthesis of 2-commodity flow networks", *Mathematics of Operations Research*, **29**, 280-288, 2004. An extended abstract version of this paper appeared as paper 89.
8. R. Hassin and A. Levin, "An efficient polynomial time approximation scheme for the constrained minimum spanning tree problem using matroid intersection", *SIAM Journal on Computing*, **33**, 261-268, 2004.
9. A. Levin, "A better approximation algorithm for the budget prize collecting tree problem," *Operations Research Letters*, **32**, 316-319, 2004.
10. A. Levin, "A strongly polynomial-time approximation for a class of bicriteria problems", *Operations Research Letters*, **32**, 530-534, 2004.
11. R. Hassin and A. Levin, "Approximation algorithms for quickest spanning tree problem," *Algorithmica*, **41**, 43-52, 2005. An extended abstract version appeared as paper 94.
12. J. Konemann, A. Levin and A. Sinha, "Approximating the degree bounded minimum diameter tree problem", *Algorithmica*, **41**, 117-129, 2005. An extended abstract version appeared as paper 91.
13. R. Hassin and A. Levin, "A better-than-greedy approximation algorithm for the minimum set cover problem", *SIAM Journal on Computing*, **35**, 189-200, 2005.
14. L. Epstein, A. Levin, "The chord version for SONET ADMs minimization", *Theoretical Computer Science*, **349**, 337-346, 2005.
15. R. Hassin and A. Levin, "The minimum generalized vertex cover problem", *ACM/Transactions on Algorithms*, **2**, 66-78, 2006. An extended abstract version appeared as paper 92.
16. E. M. Arkin, R. Hassin and A. Levin, "Approximations for min-max vehicle routing problems", *Journal of Algorithms*, **59**, 1-18, 2006.
17. A. Levin and G. J. Woeginger, "The constrained minimum weighted sum of job completion times problem", *Mathematical Programming*, **108**, 115-126, 2006. An extended abstract version appeared as paper 95.
18. D. S. Hochbaum and A. Levin, "Optimizing over consecutive 1's and circular 1's constraints", *SIAM Journal on Optimization*, **17**, 311-330, 2006.
19. D. S. Hochbaum and A. Levin, "Methodologies and algorithms for group rankings decision", *Management Science*, **52**, 1394-1408, 2006.
20. A. Levin, "Real time scheduling with a budget: Parametric-search is better than binary search," *Information Processing Letters*, **99**, 187-191, 2006.

21. L. Epstein and A. Levin, "The conference call search problem in wireless networks," *Theoretical Computer Science*, **359**, 418-429, 2006. An earlier extended abstract version of this paper appeared as paper 99.
22. A. Levin and D. Segev, "Partial multicuts in trees," *Theoretical Computer Science*, **369**, 384-395, 2006. An earlier extended abstract version of this paper appeared as paper 100.
23. D. S. Hochbaum and A. Levin, "Cyclical scheduling and multi-shift scheduling: complexity and approximation algorithms", *Discrete Optimization*, **3**, 327-340, 2006.
24. R. Hassin and A. Levin, "Flow trees for vertex-capacitated networks", *Discrete Applied Mathematics*, **155**, 572-578, 2007.
25. E. Brosh, A. Levin and Y. Shavitt, "Approximation and heuristic algorithms for minimum delay application-layer multicast trees", *IEEE/ACM Transactions on Networking*, **15**, 473-484, 2007.
26. L. Epstein and A. Levin, "SONET ADMs minimization with divisible paths," *Algorithmica*, **49**, 51-68, 2007. An earlier extended abstract version of this paper appeared as paper 101.
27. A. Levin, "The finite horizon investor problem with a budget constraint," *Information Processing Letters*, **104**, 21-28, 2007.
28. L. Epstein and A. Levin, "On bin packing with conflicts," *SIAM Journal on Optimization*, **19**, 1270-1298, 2008. An earlier extended abstract version appeared as paper 108.
29. A. Levin, "Approximating the unweighted k-set cover problem: greedy meets local search," *SIAM Journal on Discrete Mathematics*, **23**, 251-264, 2008. An earlier extended abstract version appeared as paper 106.
30. A. Levin, D. Paulusma and G. J. Woeginger, "The computational complexity of graph contractions I: polynomially solvable and NP-complete cases," *Networks*, **51**, 178-189, 2008. An earlier extended abstract version appeared as paper 93.
31. A. Levin, D. Paulusma and G. J. Woeginger, "The computational complexity of graph contractions II: two tough polynomially solvable cases," *Networks*, **52**, 32-56, 2008.
32. L. Epstein and A. Levin, "A PTAS for delay minimization in establishing wireless conference calls", *Discrete Optimization*, **5**, 88-96, 2008. An earlier extended abstract version appeared as paper 96.
33. A. Levin and M. Penn, "Approximation algorithm for minimizing total latency in machine scheduling with deliveries", *Discrete Optimization*, **5**, 97-107, 2008.
34. L. Epstein and A. Levin, "More on online bin packing with two item sizes," *Discrete Optimization*, **5**, 705-713, 2008.
35. L. Epstein, A. Levin, R. van Stee, "Two dimensional packing with conflicts", *ACTA Informatica*, **45**, 155-175, 2008. An earlier extended abstract version appeared as paper 109.

36. A. Archer, A. Levin and D. P. Williamson, "A faster, better approximation algorithm for the minimum latency problem," *SIAM Journal on Computing*, **37** 1472-1498, 2008.
37. L. Epstein and A. Levin, "An APTAS for generalized cost variable sized bin packing," *SIAM Journal on Computing*, **38**, 411-428, 2008.
38. L. Epstein, A. Levin and R. van Stee, "Online unit clustering: variations on a theme," *Theoretical Computer Science*, **407**, 85-96, 2008.
39. L. Epstein and A. Levin, "Asymptotic fully polynomial approximation schemes for variants of open-end bin packing," *Information Processing Letters*, **109**, 32-37, 2008.
40. L. Epstein, T. Erlebach, A. Levin, "Variable sized online interval coloring with bandwidth," *Algorithmica*, **53**, 385-401, 2009. An earlier version of this paper appeared as paper 102.
41. D. S. Hochbaum and A. Levin, "The multi-integer set cover and the facility terminal cover problem", *Networks*, **53**, 63-66, 2009.
42. A. Levin, G. Mosheiov and A. Sarig, "Scheduling a maintenance activity on parallel identical machines," *Naval Research Logistics*, **56**, 33-41, 2009.
43. L. Epstein and A. Levin, "Better bounds for minimizing SONET ADMs," *Journal of Computer and System Sciences*, **75**, 122-136, 2009. An earlier extended abstract version appeared as paper 97.
44. R. Hassin, A. Levin and S. Rubinstein, "Approximation algorithms for maximum latency and partial cycle cover," *Discrete Optimization*, **6**, 197-205, 2009.
45. L. Epstein, M. M. Halldórsson, A. Levin and H. Shachnai, "Weighted sum coloring in batch scheduling of conflicting jobs," *Algorithmica*, **55**, 643-665, 2009. An earlier extended abstract version appeared as paper 104.
46. L. Epstein, T. Erlebach, A. Levin, "Online capacitated interval coloring," *SIAM Journal on Discrete Mathematics*, **23**, 822-841, 2009.
47. L. Epstein and A. Levin, "A robust APTAS for the classical bin packing problem," *Mathematical Programming*, **119**, 33-49, 2009. An earlier extended abstract version appeared as paper 103.
48. J. R. Correa and A. Levin, "Monotone covering problems with an additional covering constraint," *Mathematics of Operations Research*, **34**, 238-248, 2009.
49. A. Levin, "A generalized minimum cost k -clustering," *ACM/Transactions on Algorithms*, **5**, 36:1-36:10, 2009.
50. R. Hassin, A. Levin and M. Sviridenko, "Approximating the minimum quadratic assignment problems," *ACM/Transactions on Algorithms*, **6**, 2009.
51. D. S. Hochbaum and A. Levin, "Covering the edges of bipartite graphs using $K_{2,2}$ graphs," *Theoretical Computer Science*, **411**, 1-9, 2010. An earlier extended abstract version appeared as paper 110.

52. L. Epstein, C. Imreh and A. Levin, "Class constrained bin covering," *Theory of Computing Systems*, **46**, 246-260, 2010.
53. J. Boyar, L. Epstein and A. Levin, "Tight results for Next Fit and Worst Fit with resource augmentation," *Theoretical Computer Science*, **411**, 2572-2580, 2010.
54. J. Csirik, L. Epstein, C. Imreh and A. Levin, "On the sum minimization version of the online bin covering problem," *Discrete Applied Mathematics*, **158**, 1381-1393, 2010.
55. L. Epstein and A. Levin, "Randomized algorithms for online bounded bidding," *Information Processing Letters*, **110**, 503-506, 2010.
56. L. Epstein, C. Imreh and A. Levin, "Class constrained bin packing revisited," *Theoretical Computer Science*, **411**, 3073-3089, 2010.
57. L. Epstein and A. Levin, "Improved randomized results for that interval selection problem," *Theoretical Computer Science*, **411**, 3129-3135, 2010. An earlier extended abstract version appeared as paper 113.
58. L. Epstein, A. Levin and B. Menahem, "Minimization of SONET ADMs in ring networks revisited," *Computing*, **87**, 3-19, 2010.
59. D. S. Hochbaum and A. Levin, "How to allocate review tasks for robust ranking", *ACTA Informatica*, **47**, 325-345, 2010. An earlier extended abstract version with the title "The k-allocation problem and its variants" appeared as paper 107.
60. L. Epstein and A. Levin, "AFPTAS results for common variants of bin packing: A new method for handling the small items", *SIAM Journal on Optimization*, **20**, 3121-3145, 2010.
61. L. Epstein, A. Levin and G. J. Woeginger, "Graph coloring with rejection," *Journal of Computer and System Sciences*, **77**, 439-447, 2011. An earlier extended abstract version appeared as paper 105.
62. * A. Levin and U. Yovel, "Uniform unweighted set cover: The power of non-oblivious local search", *Theoretical Computer Science*, **412**, 1033-1053, 2011.
63. L. Epstein, L. M. Favrholt and A. Levin, "Online variable-sized bin packing with conflicts", *Discrete Optimization*, **8**, 333-343, 2011.
64. L. Epstein and A. Levin, "Scheduling with processing set restrictions: PTAS results for several variants", *International Journal of Production Economics*, **133**, 586-595, 2011.
65. L. Epstein, A. Levin and R. van Stee, "Max-min online allocations with a reordering buffer", *SIAM Journal on Discrete Mathematics*, **25**, 1230-1250, 2011. An earlier extended abstract version appeared as paper 117.
66. L. Epstein, A. Levin, J. Mestre and D. Segev, "Improved approximation guarantees for weighted matching in the semi-streaming model", *SIAM Journal on Discrete Mathematics*, **25**, 1251-1265, 2011. An earlier extended abstract version appeared as paper 115.

67. L. Epstein, S. O. Krumke, A. Levin and H. Sperber, “Selfish bin coloring,” *Journal of Combinatorial Optimization*, **22**, 531-548, 2011.
68. L. Epstein, A. Levin and R. van Stee, “Approximation schemes for packing splittable items with cardinality constraints”, *Algorithmica*, **62**, 102-129, 2012.
69. L. Epstein and A. Levin, “On equilibria for ADM minimization games”, *Algorithmica*, **63**, 246-273, 2012. An earlier extended abstract version appeared as paper 114.
70. L. Epstein and A. Levin, “Bin packing with general cost structures”, *Mathematical Programming*, **132**, 355-391, 2012.
71. L. Epstein and A. Levin, “On the max coloring problem”, *Theoretical Computer Science*, **462**, 23-38, 2012. An earlier extended abstract version appeared as paper 111.
72. L. Epstein, A. Levin, A. Marchetti-Spaccamela, N. Megow, J. Mestre, M. Skutella and L. Stougie, “Universal sequencing on a single machine”, *SIAM Journal on Computing*, **41**, 565-586, 2012. An earlier extended abstract version appeared as paper 116.
73. J. Csirik, L. Epstein, C. Imreh and A. Levin, “Online clustering with variable sized clusters”, *Algorithmica*, **65**, 251-274, 2013. An earlier extended abstract version appeared as paper 119.
74. * A. Levin and A. Vainer, “The benefit of adaptivity in the stochastic knapsack problem with dependence on the state of nature”, *Discrete Optimization*, **10**, 147-154, 2013.
75. L. Epstein, C. Imreh and A. Levin, “Bin covering with cardinality constraints”, *Discrete Applied Mathematics*, **161**, 1975-1987, 2013.
76. D. S. Hochbaum and A. Levin, “Approximation algorithms for a minimization variant of the order preserving submatrices and for biclustering problems”, *ACM/Transactions on Algorithms*, **9**, paper 19, 2013.
77. L. Epstein and A. Levin, “Robust approximation schemes for cube packing”, *SIAM Journal on Optimization*, **23**, 1310-1343, 2013.
78. * A. Levin and U. Yovel, “Non-oblivious 2-opt heuristics for the traveling salesman problem,” *Networks*, **62**, 201-219, 2013.
79. * A. Levin and A. Vainer, “Adaptivity in the stochastic blackjack knapsack problem,” *Theoretical Computer Science*, **516**, 121-126, 2014.
80. L. Epstein and A. Levin, “Robust algorithms for preemptive scheduling”, *Algorithmica*, **69**, 26-57, 2014. An earlier extended abstract version appeared as paper 121.

Accepted (or in press) papers:

81. * A. Levin and U. Yovel, “Local search algorithms for multiple-depot vehicle routing and for multiple traveling salesman problems with proved performance guarantees,” *Journal of Combinatorial Optimization*.

82. L. Epstein, C. Imreh, A. Levin and J. Nagy-Gyorgy, "Online file caching with rejection penalties," *Algorithmica*. An earlier extended abstract version appeared as paper 120.
83. L. Epstein and A. Levin, "An efficient polynomial time approximation scheme for load balancing on uniformly related machines," *Mathematical Programming*.
84. L. Epstein, A. Levin and G. J. Woeginger, "The (weighted) metric dimension of graphs: hard and easy cases", *Algorithmica*. An earlier extended abstract version appeared as paper 122.

Submitted papers:

85. * B. Farbstein and A. Levin, "Min-max cover of a graph with a small number of parts," *Discrete Optimization*.
86. * A. Levin and A. Vainer, "The benefit of adaptivity in stochastic packing problems with probing," *Theoretical Computer Science*.
87. L. Epstein, A. Levin, D. Segev, and O. Weimann, "Improved bounds for online preemptive matching," *Information and Computation*. An earlier extended abstract version appeared as paper 124.
88. R. Cohen, M. Gonen, A. Levin, and S. Onn, "On nonlinear covering problems," *Discrete Optimization*.

Refereed papers in Conference proceedings:

89. R. Hassin and A. Levin, "Synthesis of 2-commodity flow networks", *Proc. IPCO 2001*, Springer, 226-235, 2001.
90. R. Hassin and A. Levin, "Minimum restricted diameter spanning trees", *Proc. APPROX 2002*, Springer, 175-184, 2002.
91. J. Konemann, A. Levin and A. Sinha, "Approximating the degree bounded minimum diameter tree problem", *Proc. APPROX 2003*, Springer, 109-121, 2003.
92. R. Hassin and A. Levin, "The minimum generalized vertex cover problem", *Proc. ESA 2003*, Springer, 289-300, 2003.
93. A. Levin, D. Paulusma and G. J. Woeginger, "The complexity of graph contractions" *Proc. WG 2003*, Springer, 322-333, 2003.
94. R. Hassin and A. Levin, "Approximation algorithms for quickest spanning tree problem," *Proc. ESA 2004*, Springer, 395-402, 2004.
95. A. Levin and G. J. Woeginger, "The constrained minimum weighted sum of job completion times problem", *Proc. IPCO 2004*, Springer, 298-307, 2004.
96. L. Epstein and A. Levin, "A PTAS for delay minimization in establishing wireless conference calls", *Proc. WAOA 2004*, Springer, 36-47, 2004.

97. L. Epstein and A. Levin, "Better bounds for minimizing SONET ADMs", *Proc. WAOA 2004*, Springer, 281-294, 2004.
98. R. Hassin and A. Levin, "An approximation algorithm for the minimum latency set cover problem", *Proc. ESA 2005*, Springer, 726-733, 2005.
99. L. Epstein and A. Levin, "The conference call search problem in wireless networks," *Proc. WAOA 2005*, Springer, 133-146, 2005.
100. A. Levin and D. Segev, "Partial multicuts in trees," *Proc. WAOA 2005*, Springer, 320-333, 2005.
101. L. Epstein and A. Levin, "SONET ADMs minimization with divisible paths," *Proc. WAOA 2005*, Springer, 119-132, 2005.
102. L. Epstein, T. Erlebach, A. Levin, "Variable sized online interval coloring with bandwidth," *Proc. SWAT 2006*, Springer, 29-40, 2006.
103. L. Epstein and A. Levin, "A robust APTAS for the classical bin packing problem," *Proc. ICALP (1) 2006*, Springer, 214-225, 2006.
104. L. Epstein, M. M. Halldórsson, A. Levin and H. Shachnai, "Weighted sum coloring in batch scheduling of conflicting jobs," *Proc. APPROX 2006*, Springer, 116-127, 2006.
105. L. Epstein, A. Levin and G. J. Woeginger, "Graph coloring with rejection," *Proc. ESA 2006*, Springer, 364-375, 2006.
106. A. Levin, "Approximating the unweighted k-set cover problem: greedy meets local search," *Proc. WAOA 2006*, Springer, 290-301, 2006.
107. D. S. Hochbaum and A. Levin, "The k-allocation problem and its variants," *Proc. WAOA 2006*, Springer, 253-264, 2006.
108. L. Epstein and A. Levin, "On bin packing with conflicts," *Proc. WAOA 2006*, Springer, 160-173, 2006.
109. L. Epstein, A. Levin, R. van Stee, "Multi-dimensional Packing with Conflicts," *Proc. FCT 2007*, Springer, 288-299, 2007.
110. D. S. Hochbaum and A. Levin, "Covering the edges of bipartite graphs using $K_{2,2}$ graphs," *Proc. WAOA 2007*, Springer, 116-127, 2007.
111. L. Epstein and A. Levin, "On the max coloring problem," *Proc. WAOA 2007*, Springer, 142-155, 2007.
112. L. Epstein and A. Levin, "Minimum weighted sum bin packing," *Proc. WAOA 2007*, Springer, 218-231, 2007.
113. L. Epstein and A. Levin, "Improved randomized results for that interval selection problem," *Proc. ESA 2008*, Springer, 381-392, 2008.
114. L. Epstein and A. Levin, "On equilibria for ADM minimization games", *Proc. SAGT 2009*, Springer, 347-358, 2009.

115. L. Epstein, A. Levin, J. Mestre and D. Segev, “Improved approximation guarantees for weighted matching in the semi-streaming model”, *Proc. STACS 2010*, Springer, 347-358, 2010.
116. L. Epstein, A. Levin, A. Marchetti-Spaccamela, N. Megow, J. Mestre, M. Skutella and L. Stougie, “Universal sequencing on a single machine”, *Proc. IPCO 2010*, Springer, 230-243, 2010.
117. L. Epstein, A. Levin and R. van-Stee, “Max-min online allocations with a reordering buffer”, *Proc. ICALP 2010*, Springer, 336-347, 2010.
118. A. Bar-Noy, P. Cheilaris, Y. Feng and A. Levin, “Finding Mobile Data under Delay Constraints with Searching Costs”, *Proc. PODC 2010*, ACM, 297-304, 2010.
119. J. Csirik, L. Epstein, C. Imreh and A. Levin, “Online clustering with variable sized clusters”, *Proc. MFCS 2010*, Springer, 282-293, 2010.
120. L. Epstein, C. Imreh, A. Levin and J. Nagy-Gyorgy, “On variants of file caching”, *Proc. ICALP 2011*, Springer, 195-206, 2011.
121. L. Epstein and A. Levin, “Robust algorithms for preemptive scheduling”, *Proc. ESA 2011*, Springer, 567-578, 2011.
122. L. Epstein, A. Levin and G. J. Woeginger, “The (weighted) metric dimension of graphs: hard and easy cases”, *Proc. WG 2012*, Springer, 114-125, 2012.
123. L. Epstein, A. Levin, and R. van Stee, “A unified approach to truthful scheduling on related machines,” *Proc. SODA’13*, ACM/SIAM, 1243-1252, 2013.
124. L. Epstein, A. Levin, D. Segev, and O. Weimann, “Improved bounds for online preemptive matching,” *Proc. STACS’13*, Leibniz International Proceedings in Informatics, 389-399, 2013.

Conferences

Plenary or invited talks:

Invited talks:

ECCO (European Chapter on Combinatorial Optimization) annual meeting 2008, Dubrovnik, Croatia, May 29-31, 2008.

Plenary talks:

The 11th Workshop on Models and Algorithms for Planning and Scheduling Problems (MAPSP), Pont a Mousson, France, June 23-28, 2013.

Participation in organizing conferences

ORSIS annual meeting 2007, Maale Hachamisha, May 13-14 2007, chair of the program and organizing committee.

ECCO annual meeting 2009, Jerusalem, May 17-19 2009, chair of the organizing committee and chair of the program committee.