

Books/Chapters

5. Dirk Briskorn, “Auktionen in logistischen Systemen”, In: D. Arnold, H. Isermann, A. Kuhn, H. Tempelmeier, K. Furmans (eds.): Handbuch Logistik. 4th edition, Springer Berlin Heidelberg, to appear.
4. Dirk Briskorn, Sönke Hartmann (2015), “Anwendungen des Resource-Constrained Project Scheduling Problem in der Produktionsplanung”, In: T. Claus, F. Hermann, M. Manitz (eds.): Produktionsplanung und -steuerung – Forschungsansätze, Methoden und deren Anwendungen. Springer Berlin Heidelberg, 2015, pp 109-130.
3. Dirk Briskorn, Andreas Drexel (2015), “A branch-and-price algorithm for scheduling sport leagues”, In: M. Wright (ed.): Operational Research Applied to Sports. Palgrave Macmillan, 2015, pp 201-223.
2. Dirk Briskorn (2008), “Sports Leagues Scheduling - Models, Combinatorial Properties, and Optimization Algorithms”, Lecture Notes in Economics and Mathematical Systems, Vol. 603. Springer, Berlin.
1. Dirk Briskorn, Andreas Drexel, Sönke Hartmann (2007), “Inventory based Dispatching of Automated Guided Vehicles on Container Terminals”, In: K.H. Kim, H.-O. Günther (eds.), Container Terminals and Cargo Systems. Springer, 2007, pp 195-214.

Refereed Journals

62. Ward Passchyn, Dirk Briskorn, Frits C. R. Spieksma, “No-wait scheduling for locks”, *INFORMS Journal on Computing*, to appear.
61. Nils Boysen, Dirk Briskorn, Stefan Fedtke, Marcel Schmickerath, “Automated sortation conveyors: A survey from an operational research perspective”, *European Journal of Operational Research*, to appear.
60. Dirk Briskorn, Michael Dienstknecht, “Mixed-Integer Programming Models for Tower Crane Selection and Positioning with Respect to Mutual Interference”, *European Journal of Operational Research*, to appear.
59. Nils Boysen, Dirk Briskorn, Stefan Fedtke, Stefan Schwerdfeger, “Drone delivery from trucks: Drone scheduling for given truck routes”, *Networks*, to appear.
58. Dirk Briskorn, “On Approximating Maximum Covering Cycles in Undirected Graphs”, *Optimization Letters*, to appear.
57. Felix Weidinger, Nils Boysen, Dirk Briskorn, “Storage assignment with rack-moving mobile robots in KIVA warehouses”, *Transportation Science*, to appear.
56. Nils Boysen, Dirk Briskorn, Stefan Schwerdfeger (2018), “The identical-path truck platooning problem”, *Transportation Research Part B*, Vol. 109, pp 26-39.
55. Dirk Briskorn, Michael Dienstknecht (2018), “Survey of quantitative methods in construction”, *Computers & Operations Research*, Vol. 92, pp 194-207.

54. Jenny Nossack, Dirk Briskorn, Erwin Pesch, “Container Dispatching and Conflict-Free Yard Crane Routing in an Automated Container Terminal”, *Transportation Science*, to appear.
53. Stefan Schwerdfeger, Nils Boysen, Dirk Briskorn (2018), “Just-in-time logistics for far-distant suppliers: Scheduling truck departures from an intermediate cross docking terminal”, *OR Spectrum*, Vol. 40, No. 1, pp 1-21.
52. Nils Boysen, Dirk Briskorn, Simon Emde (2018), “Scheduling electric vehicles and locating charging stations on a path”, *Journal of Scheduling*, Vol. 21, No. 1, pp 111-126.
51. Nils Boysen, Dirk Briskorn, Simon Emde (2017), “Parts-to-picker based order processing in a rack-moving mobile robots environment”, *European Journal of Operational Research*, Vol. 262, No. 2, pp 550-562.
50. Stefan Waldherr, Sigrid Knust, Dirk Briskorn (2017), “Synchronous flow shop problems: How much can we gain by leaving machines idle?”, *Omega*, Vol. 72, pp 15-24.
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48. Nils Boysen, Dirk Briskorn, Simon Emde (2017), “Sequencing of picking orders in mobile rack warehouses”, *European Journal of Operational Research*, Vol. 259, No. 1, pp 293-307.
47. Dirk Briskorn, Simon Emde, Nils Boysen (2017), “Scheduling shipments in closed-loop sortation conveyors”, *Journal of Scheduling*, Vol. 20, No. 1, pp 25-42.
46. Nils Boysen, Dirk Briskorn, Frank Meisel (2017), “A generalized classification scheme for crane scheduling with interference”, *European Journal of Operational Research*, Vol. 258, No. 1, pp 343-357.
45. David Boywitz, Nils Boysen, Dirk Briskorn (2016), “Resequencing with parallel queues to minimize the maximum number of items in the overflow area”, *Naval Research Logistics*, Vol. 63, No. 5, pp 401-415.
44. Dirk Briskorn, Simon Emde, Nils Boysen (2016), “Cooperative twin-crane scheduling”, *Discrete Applied Mathematics*, *Discrete Applied Mathematics*, Vol. 211, pp 40-57.
43. Dirk Briskorn, Philipp Zeise, Josef Packowski (2016), “Quasi-Fixed Cyclic Production Schemes for Multiple Products with Stochastic Demand”, *European Journal of Operational Research*, Vol. 252, No. 1, pp 156-169.
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38. Murat Firat, Dirk Briskorn, Alexandre Laugier (2016), “A Branch-and-Price algorithm for stable workforce assignments with hierarchical skills”, *European Journal of Operational Research*, Vol. 251, No. 2, pp 676-685.
37. Dirk Briskorn, Panagiotis Angeloudis (2016), “Scheduling co-operating stacking cranes with predetermined container sequences”, *Discrete Applied Mathematics*, Vol. 201, pp 70-85.
36. Nils Boysen, Dirk Briskorn, Simon Emde (2016), “Just-in-Time vehicle scheduling with capacity constraints”, *IIE Transactions*, Vol. 48, No. 2, pp 134-145.
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32. Alexander Lieder, Dirk Briskorn, Raik Stolletz (2015), “A Dynamic Programming Approach for the Aircraft Landing Problem with Aircraft Classes”, *European Journal of Operational Research*, Vol. 243, No. 1, pp 61-69.
31. Simon Emde, Nils Boysen, Dirk Briskorn (2014), “The berth allocation problem with mobile quay walls: Problem definition, solution procedures, and extensions”, *Journal of Scheduling*, Vol. 17, No. 3, pp 289-303.
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24. Stefan Bock, Dirk Briskorn, Andrei Horbach (2012), “Scheduling flexible maintenance activities subject to job-dependent machine deterioration”, *Journal of Scheduling*, Vol. 15, No. 5, pp 565-578.
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6. Kimmo Nurmi, Dries Goossens, Thomas Bartsch, Flavia Bonomo, Dirk Briskorn, Guillermo Duran, Jari Kyngäs, Javier Marenco, Celso C. Ribeiro, Frits C. R. Spijksma, Sebastian Urrutia, Rodrigo Wolf (2010), “A Framework for a Highly Constrained Sports Scheduling Problem”, Proceedings of the International MultiConference of Engineers and Computer Scientists 2010 Vol III, Hong-Kong, March 17th to 19th 2010, Newswood Limited, pp 1991-1997. Reprinted in: Ao, Sio-Iong (ed.): IAENG Transactions on Engineering Technologies Volume 5, Springer, USA, 2010.
5. Kimmo Nurmi, Dries Goossens, Thomas Bartsch, Flavia Bonomo, Dirk Briskorn, Guillermo Duran, Jari Kyngäs, Javier Marenco, Celso C. Ribeiro, Frits C. R. Spijksma, Sebastian Urrutia, Rodrigo Wolf (2010), “A framework for scheduling professional sports leagues”, AIP Conference Proceedings, Vol. 1285, No. 1, pp 14-28.
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