

List of Publications 2013

Staff : **LEE DER-HORNG**
Department : **CIVIL & ENVIRONMENTAL ENGINEERING**

ARTICLE IN JOURNAL

INTERNATIONAL REFEREED

PUBLISHED

1. Lee*, D H, X WU* and L SUN, "Limited Information Sharing Strategy for the Taxi-Customer Searching Problem in the Non-Booking Taxi Service". *Transportation Research Record*, 1, no. 2333, part. Network Modeling 2013 (2013): 46-54. (United States).
Publication no. 0530315
2. SUN*, L J, K Axhausen, D H Lee and X F Huang, "Understanding metropolitan patterns of daily encounters". *Proceedings of the National Academy of Sciences of the United States of America*, 110, no. 34 (2013): 13774-13779. (United States).
Publication no. 0570592
3. JIN*, J G, J Zhao and D H Lee*, "A Column Generation Based Approach for the Train Network Design Optimization Problem". *Transportation Research Part E-Logistics and Transportation Review*, 50 (2013): 1-17. (United Kingdom).
Publication no. 0515973
4. Lee*, D H, J G JIN and J H CHEN, "Schedule Template Design and Storage Allocation for Cyclically Visiting Feeders in Container Transshipment Hubs". *Transportation Research Record*, 2012, no. 2273 (2013): 87-95. (United States).
Publication no. 0486450
5. Lee*, D H and J G JIN, "Feeder Vessel Management at Container Transshipment Terminals". *Transportation Research Part E-Logistics and Transportation Review*, 49 (2012): 201-216. (United Kingdom).
Publication no. 0513111
6. Lee*, D H, J G JIN and J H CHEN, "Terminal and yard allocation problem for a container transshipment hub with multiple terminals". *Transportation Research Part E-Logistics and Transportation Review*, 48, no. 2 (2012): 516-528. (United Kingdom).
Publication no. 0475145
7. CHEN*, J H, D H Lee* and J X CAO, "A Combinatorial Benders' Cuts Algorithm for the Quayside Operation Problem at Container Terminals". *Transportation Research Part E-Logistics and Transportation Review*, 48, no. 1 (2012): 266-275. (United Kingdom).

Publication no. 0466681

8. JIN*, J G, J X Cao, J H CHEN and D H Lee*, "A Service-oriented Model for the Yard Management Problem in Container Terminals". *Lecture Notes In Computer Science*, no. 6971 (ICCL 2011) (2011): 233-242. (United States).
Publication no. 0504749
9. Li*, Y T, B Huang* and D H Lee, "Multimodal, Multicriteria Dynamic Route Choice: A GIS-Microscopic Traffic Simulation Approach". *Annals of GIS*, 17, no. 3 (2011): 173-187. (United Kingdom).
Publication no. 0487585
10. Lee*, D H, J G JIN and J H CHEN, "The integrated bay allocation and yard crane scheduling problem for transshipment containers". *Transportation Research Record*, 2222 (2011): 63-71. (United States).
Publication no. 0455322
11. Lee*, D H and J H CHEN, "Quay Crane Scheduling For An Indented Berth". *Engineering Optimization*, 43, no. 9 (2011): 985-998. (United Kingdom).
Publication no. 0442891
12. Lee*, D H and J H CHEN, "Heuristics For Quay Crane Scheduling At Indented Berth". *Transportation Research Part E-Logistics and Transportation Review*, 47, no. 6 (2011): 1005-1020. (United Kingdom).
Publication no. 0442892
13. Lee*, D H and Y F FU, "Cross entropy optimization model for population synthesis used in activity-based micro-simulation models". *Transportation Research Record*, 2255 (2011): 20-27. (United States).
Publication no. 0455326
14. Lee*, D H and H Q Wang, "An approximation algorithm for quay crane scheduling with handling priority in port container terminals". *Engineering Optimization*, 42, no. 12 (2010): 1151-1161. (United Kingdom).
Publication no. 0439884
15. Lee*, D H, J H Chen and J X Cao, "The continuous berth allocation problem: A greedy randomized adaptive search solution". *Transportation Research Part E-Logistics and Transportation Review*, 46, no. 6 (2010): 1027-1029. (United Kingdom).
Publication no. 0439804
16. Lee*, D H, Dong M and Bian W, "The design of sustainable logistics network under uncertainty". *International Journal of Production Economics*, 128 (2010): 159-166. (Netherlands).
Publication no. 0313915

17. Lee*, D H and H Q Wang, "Integrated discrete berth allocation and quay crane scheduling in port container terminals". *Engineering Optimization*, 42, no. 8 (2010): 747-761. (United Kingdom).
Publication no. 0370359
18. Seow*, K T, N H Dang and D H Lee*, "A collaborative multiagent taxi-dispatch system". *IEEE Transactions on Automation Science and Engineering*, 7, no. 3 (2010): 607-616. (United States).
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19. Lee*, D H, J X Cao, J H Chen and Q X Shi, "The integrated yard truck and yard crane scheduling problem: Benders' decomposition-based methods". *Transportation Research Part E-Logistics and Transportation Review*, 46, no. 3 (2010): 344-353. (United Kingdom).
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20. Seow*, K T and D H Lee*, "Performance of multiagent taxi-dispatch on extended-runtime taxi availability: A simulation study". *IEEE Transactions on Intelligent Transportation Systems*, 11, no. 1 (2010): 231-236. (United States).
Publication no. 0430713
21. Lee*, D H and J H Chen, "An improved approach for quay crane scheduling with non-crossing constraints". *Engineering Optimization*, 42, no. 1 (2010): 1-15. (United Kingdom).
Publication no. 0396632
22. Lee*, D H and Q Meng*, "A partial linearized method for stochastic user equilibrium traffic assignment problem". *Journal of Transportation Engineering-ASCE*, 136, no. 1 (2010): 52-60. (United States).
Publication no. 0187577
23. Lee*, D H, Z Cao, J H Chen and J X Cao, "Load scheduling of multiple yard crane systems in container terminal with buffer areas". *Transportation Research Record*, 2009, no. 2097 (Freight Systems) (2009): 70-77. (United States).
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25. Lee*, D H, J X Cao and Q X Shi, "Synchronization of yard truck scheduling and storage allocation in container terminals". *Engineering Optimization*, 41, no. 7 (2009): 659-672. (United Kingdom).
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26. Lee*, D H, J X Cao, Q X Shi and J H Chen, "A heuristic algorithm for yard truck scheduling and storage allocation problems". *Transportation Research Part E-Logistics and Transportation Review*, 45, no. 5 (September 2009): 810-820. (United Kingdom).

27. Lee*, D H and M Dong, "Dynamic network design for reverse logistics operations under uncertainty". *Transportation Research Part E-Logistics and Transportation Review*, 45 (2009): 61-71. (United Kingdom).
Publication no. 0358910
28. Cao*, Z, D H Lee* and Q Meng, "Deployment strategies of double rail mounted gantry crane systems for loading outbound container terminals". *International Journal of Production Economics*, 115, no. 1 (2008): 221-228. (Netherlands).
Publication no. 0214590
29. Lee*, D H and M Dong, "A heuristic approach to logistics network design for end-of-lease computer products recovery". *Transportation Research Part E-Logistics and Transportation Review*, 44, no. 3 (2008): 455-474. (United Kingdom).
Publication no. 0214591
30. Lee*, D H, L Y Song and H Q Wang, "An optimization approach to security operations towards sustainable seaport". *International Journal of Sustainable Transportation*, 2, no. 2 (2008): 115-133. (United States).
Publication no. 0309770
31. Nunes*, U, H Rakha*, Y Wang* and D H Lee*, "Special issue on ITSC 2006". *IEEE Transactions on Intelligent Transportation Systems*, 9, no. 1 (2008): 1-4. (United States).
Publication no. 0371612
32. Meng*, Q, D H Lee and L. Wu, "Maximal Reserve Trip Generation for Transit Networks". *Journal of the Eastern Asia Society for Transportation Studies*, 7 (2008): 570-585. (Japan).
Publication no. 0341895
33. Lee*, D H, W Bian and M Dong, "Multi-objective model and solution method for integrated forward and reverse logistics network design for third-party logistics providers". *Transportation Research Record*, 2032 (2008): 43-52. (United States).
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34. Lee*, D H, H Q Wang and L X Miao, "Quay crane scheduling with handling priority in port container terminals". *Engineering Optimization*, 40, no. 2 (2008): 179-189. (United Kingdom).
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35. Lee*, D H, W Bian and M Dong, "Multiproduct distribution network design of third party logistics providers with reverse logistics operations". *Transportation Research Record*, 2008 (Freight Systems) (2008): 26-33. (United States).
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36. Lee*, D H, M Dong, W Bian and Y J Tseng, "Design of product recovery network design under uncertainty". *Transportation Research Record*, 2008 (Freight Systems) (2008): 19-25, 7. (United States).
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37. Lee*, D H, H Q Wang and L X Miao, "Quay crane scheduling with non-interference constraints in port container terminals". *Transportation Research Part E-Logistics and Transportation Review*, 44 (2008): 124-135. (United Kingdom).
Publication no. 0309768

38. Lee*, D H, Z Cao* and Q Meng*, "Scheduling of two-transtainer systems for loading outbound containers in port container terminals". *International Journal of Production Economics*, 107 (2007), no. 1 (May) (2007): 115-124. (Netherlands).
Publication no. 0207806

39. Ng*, S T, R L Cheu* and D H Lee*, "Simulation evaluation of the benefits of real-time traffic information to trucks during incidents". *ITS Journal*, 10, no. 2 (Apr-Jun 2006): 89-99. (United States).
Publication no. 0309779

40. Lee*, D H, W Zheng and Q X Shi, "Short-term freeway traffic flow prediction using combined neural network model". *Journal of Transportation Engineering-ASCE*, 132, no. 2 (2006): 114-121. (United States).
Publication no. 0166168

41. Lee*, D H, L Wu and Q Meng, "Equity based land-use and transportation problem". *Journal of Advanced Transportation*, 40, no. 1 (Winter 2006): 75-93. (United States).
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42. Meng*, Q, D H Lee and R L Cheu, "The multiobjective vehicle routing and scheduling problem with time window constraints in hazardous material transportation.". *Journal of Transportation Engineering-ASCE*, 131, no. 9 (2005): 699-707. (United States).
Publication no. 0180821

43. Meng*, Q, D H Lee and R L Cheu, "Counting the different efficient paths for transportation networks and its applications". *Journal of Advanced Transportation*, 39, no. 2 (2005): 193-220. (United States).
Publication no. 0180819

44. Nie*, Y, M H Zhang* and D H Lee*, "Models and algorithms for the traffic assignment problem with link capacity constraints". *Transportation Research Part B-Methodological*, 38, no. 4 (2004): 285-312. (United Kingdom).
Publication no. 0155247

45. Meng*, Q, D H Lee*, H Yang and H J Huang, "Transportation network optimization problems with stochastic user equilibrium constraints". *Transportation Research Record*, 1882 (2004): 113-119. (United States).

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46. Meng*, Q, D H Lee*, R L Cheu and H Yang, "The logit-based stochastic user equilibrium problem for entry-exit toll schemes". *Journal of Transportation Engineering-ASCE*, 130, no. 6 (2004): 787-795. (United States).
Publication no. 0180810
47. Yang, H, Q Meng* and D H Lee, "Trial-and-Error Implementation of Marginal-Cost Pricing on Networks in the Absence of Demand Functions". *Transportation Research Part B-Methodological*, 38, no. 6 (2004): 477-493. (United Kingdom).
Publication no. 0180805
48. Wang, H, D H Lee* and R L Cheu, "Dynamic routing of commercial vehicles using real-time traffic information". *Transportation Research Record*, 1882 (2004): 201-209. (United States).
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49. Lee*, D H, H Wang, R L Cheu and S H Teo, "A taxi dispatch system based on current demands and real-time traffic information". *Transportation Research Record*, 1882 (2004): 193-200. (United States).
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50. Ma, W, R L Cheu* and D H Lee, "Scheduling of lane closures using genetic algorithms with traffic assignments and distributed simulations". *Journal of Transportation Engineering-ASCE*, 130, no. 3 (2004): 322-329. (United States).
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51. Lee*, D H and P Chandrasekar, "A framework for parallel traffic simulation using multiple instancing of a simulation program". *ITS Journal*, 7, part. Numbers 3-4 (July-December 2002 2003): 279-294. (United States).
Publication no. 0146532
52. Lee*, D H, Y Nie and A Chen, "A conjugate gradient projection algorithm for the traffic assignment problem". *Mathematical and Computer Modelling*, 37 (2003): 863-878. (United Kingdom).
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53. Ran*, B, D H Lee* and M S Shin, "Dynamic traffic assignment with rolling horizon implementation". *Journal of Transportation Engineering-ASCE*, 128, no. 4 (July/August 2002): 314-322. (United States).
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54. Ran*, B, D H Lee* and M S Shin, "A new algorithm for a multi-class dynamic traffic assignment model". *Journal of Transportation Engineering-ASCE*, 128, no. 4 (July/August 2002): 323-335. (United States).
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55. Chen*, A, D H Lee* and R Jayakrishnan, "Computational study of state-of-the-art path-based traffic assignment algorithms". *Mathematics and Computers in Simulation*, 59, no. 6 (2002): 509-518. (Netherlands).
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Publication no. 0136312

58. Cheu*, R L, H Qi and D H Lee, "A mobile sensor and sample based algorithm for freeway incident detection". *Transportation Research Record*, 1811 (2002): 12-20. (United States).
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61. Boyce*, D E, D H Lee* and B Ran, "Analytical models for the dynamic traffic assignment problem". *Networks and Spatial Economics*, 1, no. 3 (September 2001): 377-390. (United States).
Publication no. 0120962

62. Xie, C, R L Cheu* and D H Lee, "Calibration-free arterial link speed estimation model using loop data". *Journal of Transportation Engineering-ASCE*, 127, no. 6 (2001): 507-514. (United States).
Publication no. 0133372

63. Lee*, D H and Y Nie, "Accelerating strategies and computational studies of the Frank-Wolfe algorithm for the traffic assignment problem". *Transportation Research Record*, no. 1771 (2001): 97-105. (United States).
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64. Chen*, A, M Tatineni*, D H Lee* and H Yang, "Effect of the route choice models on estimating network capacity reliability". *Transportation Research Record*, 1733 (2000): 63-70. (United States).

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Publication no. 0121062
66. Chen*, H K, D H Lee* and C T Fu, "The application of a route diversion strategy to a vehicle route guidance system using multiple driver classes". *Transportation Planning and Technology*, 18 (1994): 81-105. (United Kingdom).
Publication no. 0121065

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67. JIN*, J, L C Tang, L J SUN and D H Lee, "Enhancing Metro Network Resilience via Localized Integration with Bus Services". *Transportation Research Part E-Logistics and Transportation Review*, (2013). (United Kingdom).
Publication no. 0581874
68. Lee*, D H and X WU, "Integrated Taxi Dispatching Strategy Handling both Current and Advance Bookings". *Journal of the Eastern Asia Society for Transportation Studies*, (2013). (Japan).
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69. Chen, J.H., D H Lee and M K H Goh, "An effective mathematical formulation for the unidirectional cluster-based quay crane scheduling problem". *European Journal of Operational Research*, (2013). (Netherlands).
Publication no. 0579835
70. CHEN, J H, D H Lee*, J X Cao and J G JIN, "An Integrated Framework for the Quayside Operation Problem with Continuous Berths". *Computers & Industrial Engineering*, (2013). (United Kingdom).
Publication no. 0480510
71. CHEN, J H and D H Lee*, "An effective mathematical formulation for unidirectional quay crane scheduling problem". *European Journal of Operations Research*, (2012). (Netherlands).
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Publication no. 0581880

73. LI*, S Y and D H Lee*, "Learning Daily Activity Pattern with Probabilistic Grammar". *Transportation Research Record*, (2013). (United States).
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74. CHEN*, J H, D H Lee* and J X CAO, "An Integrated Model for the Quayside Operation Problem with Discrete Berths". *European Journal of Operations Research*, (2013). (Netherlands).
Publication no. 0466679
75. SUN*, L, A Tirachini, K Axhausen and D H Lee, "Models of Bus Boarding/Alighting Dynamics and Dwell Time Variability". *Transportation Research Part A: Policies and Practice*, (2013). (United States).
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76. SUN*, L J, J G JIN, D H Lee, K Axhausen and A Erath, "Demand-driven timetable designing for metro services". *Transportation Research Part C-Emerging Technologies*, (2013). (United Kingdom).
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78. Huang*, B, N Liu and D H Lee, "A Bi-level Programming Approach to Optimizing a Logistic Distribution Network with Balancing Requirements". *Transportation Research Record*, (2003). (United States).
Publication no. 0170150
79. Huang*, B, Y T Li and D H Lee, "Multi-Modal, Multi-Criteria Dynamic Route Choice: A GIS - Microscopic Traffic Simulation Approach". *Transportation Research Record*, (2003). (United States).
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80. Cheu*, R L, H Qi and D H Lee, "Simulation evaluation of probe vehicle-based freeway incident detection techniques". *Transportation Research Part C-Emerging Technologies*, (2002). (United Kingdom).
Publication no. 0156742

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81. Meng*, Q and D H Lee, "Transport Bilevel Programming Problem: Unified Models and Algorithms". *Journal of Transportation Systems Engineering and Information Technology*, 6, no. 4 (2005): 120-140. (China).
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82. Lee*, D H, Y Z Tan and R L Cheu, "Comparison of PARAMICS and GETRAM/AIMSUN for ITS simulations". *Journal - The Institution of Engineers (Singapore)*, 45, no. 2 (2005): 78-96. (Singapore).
Publication no. 0365426
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Publication no. 0340429
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86. Yeung, S W, R L Cheu* and D H Lee, "A laboratory platform for incident management simulations". *Journal of Institution of Engineers, Singapore*, 1, no. 2 (2004). (Singapore). (Electronic Journal (<http://www.ies.org.sg>)).
Publication no. 0162024
87. Lee*, D H and H Wang, "The application and development of ITS in Singapore". *Intelligent Transportation Systems Journal*, 10 (December 2001): 34-38. (China). (In Chinese).
Publication no. 0155505
88. Lee*, D H, M W Hu and Q X Shi, "Studies of integrated decision support system framework for traffic management". *Intelligent Transportation Systems Journal*, 10 (December 2001): 8-15. (China). (In Chinese).
Publication no. 0155504
89. Lee*, D H and Y Nie, "Integrated land use and transportation planning in Singapore". *China Mayors*, (2001 April 2001): 47-50. (China). (Invited Publication).
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90. Cheu*, R L, C Xie and D H Lee, "Probe vehicle requirement for arterial link speed estimation". *Journal of Institution of Engineers, Singapore*, (2001): 8-13. (Singapore).
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91. Lee, D H, "PARAMICS simulation at the California ATMIS testbed: A benchmark analysis". *Journal - The Institution of Engineers (Singapore)*, 41, no. 2 (2001): 32-36. (Singapore).
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92. Lee*, D H, H Q Wang and L X Miao, "An interactive scheduling method for berths and quay cranes in port container terminals". *Journal - The Institution of Engineers (Singapore)*, (2006). (Singapore).
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93. Lee*, D H, Z Cao and Q Meng, "Load scheduling for two-transtainer systems in port container terminals". *Journal - The Institution of Engineers (Singapore)*, (2006). (Singapore).
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SUBMITTED FOR PUBLICATION

94. SUN*, L J, J G JIN*, D H Lee and A Erath, "Designing a Demand Responsive Timetable for MRT Services". *International Journal of ITS Research*, (2013). (Japan).
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Publication no. 0206082
96. Tan, Y Z, R L Cheu* and D H Lee, "Comparison of PARAMICS and GETRAM/AIMSUN for ITS simulations". *Journal of Institution of Engineers, Singapore*, (2004). (Singapore).
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NOT CLASSIFIED

SUBMITTED FOR PUBLICATION

97. Wang*, H, R L Cheu and D H Lee, "Intelligent Taxi Dispatch System for Advance Reservations". *Journal of Public Transportation*, (2013). (United States).
Publication no. 0581900

@ - indicates journal classification is based on the proposed classification of the author(s).

CONFERENCE PAPER

LOCAL/REGIONAL

ORAL PRESENTATION

PUBLISHED

1. Chandrasekar*, P, W T Chan, D H Lee, S H Wee and R L Cheu, "A simulation-driven internet-based predictive traffic information hub". *Proceedings of the IEEE 5th International Conference on Intelligent Transportation Systems* (2002): 968-975. Singapore: IEEE. (Proceedings of the IEEE 5th International Conference on Intelligent Transportation Systems, 3 - 6 Sep 2002, Singapore) (Also in CD-ROM).
Publication no. 0154626
2. Cheu*, R L, C Xie and D H Lee, "Probe vehicle requirement for arterial link speed estimation.". *Proceedings of the 6th International Conference on Applications of Advanced Technologies in Transportation Engineering* (2000). Singapore: Centre for Transportation Research, NUS. (Proceedings of the 6th International Conference on Applications of Advanced Technologies in Transportation Engineering, 28 - 30 Jun 2000, Singapore) (CD-ROM).
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3. Oh*, J S, C E Cortes, R Jayakrishnan and D H Lee, "Microscopic simulation with large-network path dynamic for advanced traffic management and information". *The 6th International Conference on Application of Advanced Technologies in Transportation Engineering* (2000). Singapore. (The 6th International Conference on Application of Advanced Technologies in Transportation Engineering, 28 - 30 Jun 2000, Singapore)
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4. Lee, D H, "PARAMICS simulation at the California ATMIS testbed". *The 6th International Conference on Application of Advanced Technologies in Transportation Engineering* (2000). Singapore. (The 6th International Conference on Application of Advanced Technologies in Transportation Engineering, 28 - 30 Jun 2000, Singapore)
Publication no. 0121074
5. Chen*, A, D H Lee*, Y Nie and R Jayakrishnan, "Path and link based traffic assignment algorithms: A computational study". *The 6th International Conference on Application of Advanced Technologies in Transportation Engineering* (2000). Singapore. (The 6th International Conference on Application of Advanced Technologies in Transportation Engineering, 28 - 30 Jun 2000, Singapore)
Publication no. 0121072

PRESENTED BUT NOT PUBLISHED

6. Lee*, D H, Q Meng* and W J Deng, "Modified partial linearized method with inexact line search for stochastic user equilibrium traffic assignment problem". *The 1st International Conference on Transportation Logistics (T-Log2005)* (27 - 29 Jul 2005, Singapore)
Publication no. 0214641
7. Cao*, Z, D H Lee* and Q Meng, "Scheduling of two-transtainer systems in port container terminals". *The 1st International Conference on Transportation Logistics (T-Log2005)* (27 - 29 Jul 2005, Singapore)
Publication no. 0214633

8. Lee*, D H and M Dong, "The design of integrated distribution network for reverse logistics operations". *The 1st International Conference on Transportation Logistics (T-Log2005)* (27 - 29 Jul 2005, Singapore)
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9. Cao*, Z, D H Lee* and Q Meng, "Deployment strategies of double rail mounted gantry crane systems for loading outbound containers in container terminals". *The 1st International Conference on Transportation Logistics (T-Log2005)* (27 - 29 Jul 2005, Singapore)
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10. Lee*, D H, L Y Song and H Q Wang, "A bi-level programming model and solutions of berth allocation and quay crane scheduling". *The 1st International Conference on Transportation Logistics (T-Log2005)* (27 - 29 Jul 2005, Singapore)
Publication no. 0214622
11. Lee*, D H and A Chen, "Path and link based algorithms for the traffic assignment problem". *The 5th Conference of the Association of Asian-Pacific Operations Research Societies within IFORS* (5 - 7 Jul 2000, Singapore)
Publication no. 0121084
12. Lee*, D H, A Chen and Y Nie, "Computational studies and enhancements of the gradient projection algorithm for traffic assignment problem (abstract)". *The 5th Conference of the Association of Asian-Pacific Operations Research Societies within IFORS* (5 - 7 Jul 2000, Singapore)
Publication no. 0121080
13. Lee*, D H, A Chen and Y Nie, "Computer experiments and statistical analysis on algorithms for traffic assignment problems (abstract)". *The 5th Conference of the Association of Asian-Pacific Operations Research Societies within IFORS* (5 - 7 Jul 2000, Singapore)
Publication no. 0121075

INTERNATIONAL

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14. SUN*, L J, A Tirachini, K Axhausen, A Erath and D H Lee, "Models of Bus Boarding/Alighting Dynamics and Dwell Time Variability". *Proceeding of International School and Conference on Network Science (NetSci)* (2013). Copenhagen: NetSci 2013. (International School and Conference on Network Science (NetSci), 3 - 7 Jun 2013, Copenhagen, Denmark)
Publication no. 0570593
15. Lee*, D H and L J SUN, "Determining Optimal Control Stop to Improve Bus Services Reliability". *Proceeding of 1st European Symposium on Quantitative Methods in Transportation Systems* (2012). Lausanne: EPFL. (1st European Symposium on Quantitative Methods in Transportation Systems, 4 - 7 Sep 2012, EPFL, Lausanne, Swaziland)

16. Lee*, D H, L J SUN and A Erath, "Study of Bus Service Reliability in Singapore Using Fare Card Data". *Proceeding of 12th Asia Pacific ITS Forum and Exhibition (2012)*. Kuala Lumpur: ITS Asia Pacific. (The 12th AP ITS Forum and Exhibition, 16 - 18 Apr 2012, Sunway Convention Center, Kuala Lumpur, Malaysia)
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17. Lee*, D H and X WU, "An Improved Agent-based Taxi Dispatching Approach Considering the Impact of the Booking Cancellation". *Proceeding of 12th Asia Pacific ITS Forum and Exhibition (2012)*. Kuala Lumpur: ITS Asia Pacific. (The 12th AP ITS Forum and Exhibition, 16 - 18 Apr 2012, Sunway Convention Center, Kuala Lumpur, Malaysia)
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110. Nie, Y and D H Lee*, "An uncoupled method for the equilibrium-based linear path flow estimator for origin-destination trip matrices". *81st Annual Meeting of Transportation Research Board* (13 - 17 Jan 2002, Washington DC, United States)
Publication no. 0155524

ACCEPTED FOR PRESENTATION

111. Lee*, D H and X WU*, "Dispatching Strategies for the Taxi-Customer Searching Problem in the Booking Taxi Service". *2013 International Conference of Eastern Asia Society for Transportation Studies (EASTS)* (9 - 12 Sep 2013, Taipei, Taiwan)
Publication no. 0559336

112. JIN*, J, L C Tang and D H Lee, "Robust Storage Space Allocation in Container Transshipment Terminals". *The 3rd International Conference on Logistics and Maritime Systems* (12 - 14 Sep 2013, Singapore)
Publication no. 0570595

113. Lee*, D H and X WU*, "2013 International Conference of Eastern Asia Society for Transportation Studies (EASTS)". *The Transportation Research Board (TRB) 92nd Annual Meeting* (13 - 17 Jan 2013)
Publication no. 0559337

SUBMITTED FOR PRESENTATION

114. SUN*, L J, J G Jin, D H Lee* and K Axhausen, "Characterizing Network Travel Time Reliability and Passenger Route Choices of Metro Systems". *The Transportation Research Board (TRB) 93rd Annual Meeting* (12 - 16 Jan 2014, Washington DC, United States)
Publication no. 0581883

115. LI*, S Y and D H Lee*, "Learning Daily Activity Pattern with Probabilistic Grammar". *The Transportation Research Board (TRB) 93rd Annual Meeting* (12 - 16 Jan 2014, Washington DC, United States)
Publication no. 0581879

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116. Chen, J H, D H Lee* and J X Cao, "Quay crane scheduling for indented berth". *The 89th Annual Meeting of Transportation Research Board* (10 - 14 Jan 2010, Washington DC, United States)
Publication no. 0440345
117. Lee*, D H, J X Cao and Q X Shi, "A hybrid genetic algorithm for yard truck scheduling and storage allocation in container terminals". *88th Annual Meeting of Transportation Research Board* (11 - 15 Jan 2009, Washington D.C., United States)
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118. Lee*, D H and H Q Wang, "An approximation algorithm for quay crane scheduling with non-crossing constraints in port container terminals". *87th Annual Meeting of Transportation Research Board* (13 - 17 Jan 2008, Washington, D.C., United States)
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121. Lee*, D H, Z Cao and Q Meng, "Scheduling two-transtainer systems for loading operation of containers using revised genetic algorithm". *85th Annual Meeting of Transportation Research Board* (22 - 26 Jan 2006, Washington DC, United States)
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122. Lee*, D H and W Huang, "New methodology for multilevel bus prioritization at signalized intersections". *The 84th Annual Meeting of Transportation Research Board* (9 - 13 Jan 2005, Washington DC, United States)
Publication no. 0440344
123. Lee*, D H and S T Jeng, "Integrated freeway incident management: Using data mining and expert systems". *The 83rd Annual Meeting of Transportation Research Board* (11 - 15 Jan 2004, Washington DC, United States)
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