ARTICLE IN JOURNAL
INTERNATIONAL REFEREED

   Publication no. 0530315

   Publication no. 0570592

   Publication no. 0515973

   Publication no. 0486450

   Publication no. 0513111

   Publication no. 0475145

Publication no. 0504749

Publication no. 0487585

Publication no. 0455322

Publication no. 0442891

Publication no. 0442892

Publication no. 0455326

Publication no. 0439884

Publication no. 0439804

Publication no. 0313915
<table>
<thead>
<tr>
<th>No.</th>
<th>Author(s)</th>
<th>Title</th>
<th>Journal/Conference/Other Details</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>port container terminals&quot;</td>
<td>Publication no. 0370359</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Publication no. 0371004</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Publication no. 0413325</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Publication no. 0430713</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Publication no. 0396632</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Publication no. 0187577</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Publication no. 0382338</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Publication no. 0382337</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Publication no. 0382494</td>
</tr>
</tbody>
</table>

List of Publications - LEE DER-HORNG (16191H) 11/27/2013 Page 3 of 31


Publication no. 0180810

Publication no. 0180805

Publication no. 0154631

Publication no. 0154629

Publication no. 0154616

Publication no. 0146532

Publication no. 0131105

Publication no. 0121061

Publication no. 0121060
Publication no. 0136303

56. Lee*, D H, Y Nie, A Chen and Y C Leow, "Link and path based traffic assignment algorithms: A computational and statistical analysis". Transportation Research Record, no. 1783 (2002): 80-88. (United States).
Publication no. 0136315

Publication no. 0136312

Publication no. 0136290

Publication no. 0133367

Publication no. 0136302

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

Publication no. 0133372

Publication no. 0131107

Publication no. 0121062

Publication no. 0121065

ACCEPTED FOR PUBLICATION

Publication no. 0581874

Publication no. 0570597

Publication no. 0579835

Publication no. 0480510

Publication no. 0530438

SUBMITTED FOR PUBLICATION

Publication no. 0581880
<table>
<thead>
<tr>
<th>No.</th>
<th>Author(s)</th>
<th>Title</th>
<th>Journal</th>
<th>Year</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>73</td>
<td>Li*, S Y and D H Lee*</td>
<td>&quot;Learning Daily Activity Pattern with Probabilistic Grammar&quot;</td>
<td>Transportation Research Record</td>
<td>2013</td>
<td>United States</td>
</tr>
<tr>
<td>75</td>
<td>SUN*, L, A Tirachini, K Axhausen and D H Lee</td>
<td>&quot;Models of Bus Boarding/Alighting Dynamics and Dwell Time Variability&quot;</td>
<td>Transportation Research Part A: Policies and Practice</td>
<td>2013</td>
<td>United States</td>
</tr>
<tr>
<td>76</td>
<td>SUN*, L J, J G JIN, D H Lee, K Axhausen and A Erath</td>
<td>&quot;Demand-driven timetable designing for metro services&quot;</td>
<td>Transportation Research Part C-Emerging Technologies</td>
<td>2013</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>77</td>
<td>JIN*, J G, D H Lee* and J X Cao</td>
<td>&quot;Storage Yard Management in Maritime Container Terminals&quot;</td>
<td>Transportation Science</td>
<td>2012</td>
<td>United States</td>
</tr>
<tr>
<td>78</td>
<td>Huang*, B, N Liu and D H Lee</td>
<td>&quot;A Bi-level Programming Approach to Optimizing a Logistic Distribution Network with Balancing Requirements&quot;</td>
<td>Transportation Research Record</td>
<td>2003</td>
<td>United States</td>
</tr>
<tr>
<td>79</td>
<td>Huang*, B, Y T Li and D H Lee</td>
<td>&quot;Multi-Modal, Multi-Criteria Dynamic Route Choice: A GIS-Microscopic Traffic Simulation Approach&quot;</td>
<td>Transportation Research Record</td>
<td>2003</td>
<td>United States</td>
</tr>
<tr>
<td>80</td>
<td>Cheu*, R L, H Qi and D H Lee</td>
<td>&quot;Simulation evaluation of probe vehicle-based freeway incident detection techniques&quot;</td>
<td>Transportation Research Part C-Emerging Technologies</td>
<td>2002</td>
<td>United Kingdom</td>
</tr>
</tbody>
</table>

**LOCAL/REGIONAL REFEREED**

**PUBLISHED**

<table>
<thead>
<tr>
<th>No.</th>
<th>Author(s)</th>
<th>Title</th>
<th>Journal</th>
<th>Year</th>
<th>Country</th>
</tr>
</thead>
</table>
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

Publication no. 0221199

Publication no. 0340429

Publication no. 0163204

(Electronic Journal (http://www.ies.org.sg)).
Publication no. 0162024

Publication no. 0155505

Publication no. 0155504

Publication no. 0136298

Publication no. 0155870

Publication no. 0136299

ACCEPTED FOR PUBLICATION
Publication no. 0309778

Publication no. 0309777

SUBMITTED FOR PUBLICATION

Publication no. 0530320

Publication no. 0206082

Publication no. 0187496

NOT CLASSIFIED

SUBMITTED FOR PUBLICATION

Publication no. 0581900

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

CONFERENCE PAPER

LOCAL/REGIONAL

ORAL PRESENTATION

PUBLISHED
Publication no. 0154626

Publication no. 0131055

Publication no. 0121089

Publication no. 0121074

Publication no. 0121072

**PRESENTED BUT NOT PUBLISHED**

Publication no. 0214641

Publication no. 0214633


INTERNATIONAL

ORAL PRESENTATION

PUBLISHED


Publication no. 0514190

Publication no. 0514189

Publication no. 0530323

Publication no. 0530423

Publication no. 0530421

Publication no. 0350002

Publication no. 0321517
Publication no. 0189872

Publication no. 0163179

Publication no. 0163177

Publication no. 0163175

Publication no. 0206071

Publication no. 0187550


Publication no. 0187545


Publication no. 0180909


Publication no. 0180902


Publication no. 0180901


Publication no. 0163207


Publication no. 0180921


Publication no. 0163176


Publication no. 0133902

Publication no. 0133901

**PRESENTED BUT NOT PUBLISHED**

Publication no. 0504748

Lee, D H, "Simulation for Urban Mobility". *International Symposium on ITS Research* (Plenary paper) (11 Jun 2011, National Taiwan University, Taipei, Taiwan)
Publication no. 0487270

Lee, D H, "Travel Simulation for Future Mobility". *The Third International Conference on Transportation Engineering* (Keynote paper) (23 - 25 Jul 2011, Southwest Jiaotong University, Chengdu, China)
Publication no. 0487269

Publication no. 0480512

Publication no. 0480511

Publication no. 0514192

<table>
<thead>
<tr>
<th>Publication no.</th>
<th>Title</th>
<th>Conference/Event</th>
<th>Location/Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>0446738</td>
<td>Wang*, H, D H Lee* and R. L. Cheu, &quot;PDPTW based taxi dispatch modelling for booking service&quot;</td>
<td>2009 Fifth International Conference on Natural Computation</td>
<td>(14 - 16 Aug 2009, Tianjin, China)</td>
</tr>
</tbody>
</table>
Publication no. 0350552

62. Lee*, D H, M Dong and W Bian, "Reverse logistics system planning for recycling electrical appliances in Asia Pacific region". *The 2nd International Conference on Transportation Logistics* (4 - 6 Jul 2007, Shenzhen, China) 
Publication no. 0350009

Publication no. 0350008

64. Lee*, D H, Z Cao, Q Meng and H Q Wang, "Simultaneous load scheduling of quay crane and yard crane in port container terminals". *The 2nd International Conference on Transportation Logistics* (4 - 6 Jul 2007, Shenzhen, China) 
Publication no. 0350007

Publication no. 0350549

Publication no. 0350547

Publication no. 0313918

68. Lee*, D H, J X Cao and Q X Shi, "Analysis of the container terminal traffic with productivity constraints: A simulation approach". *14th World Congress on ITS* (9 - 13 Oct 2007, Beijing, China) 
Publication no. 0350005

69. Dong*, M, D H Lee* and W Bian, "Reverse logistics system planning for recycling electrical appliances at IBM in Asia Pacific region". *INFORMS International Meeting 2006* (25 - 28 Jun 2006, Hong Kong, China) 
Publication no. 0314434
<table>
<thead>
<tr>
<th>No.</th>
<th>Publication Details</th>
</tr>
</thead>
</table>
| 70. | Cao*, Z, D H Lee* and Q Meng, "Heuristic algorithms for load scheduling problem of multiple yard crane systems".  *INFORMS International Meeting 2006* (25 - 28 Jun 2006, Hong Kong, China)  
Publication no. 0314433 |
Publication no. 0314414 |
| 72. | Lee*, D H and M Dong, "Heterogeneous product recovery network design with integration of forward and reverse logistics operations".  *36th International Conference on Computers & Industrial Engineering (ICCIE)* (20 - 23 Jun 2006, Taipei, Taiwan)  
Publication no. 0314413 |
| 73. | Cao*, Z, D H Lee* and Q Meng, "Load scheduling of multiple yard crane systems in container terminals with buffer areas".  *36th International Conference on Computers & Industrial Engineering (ICCIE)* (20 - 23 Jun 2006, Taipei, Taiwan)  
Publication no. 0314393 |
| 74. | Dong*, M and D H Lee*, "A stochastic approach for product recovery network design under uncertainty".  *36th International Conference on Computers & Industrial Engineering (ICCIE)* (20 - 23 Jun 2006, Taipei, Taiwan)  
Publication no. 0314373 |
Publication no. 0313993 |
| 76. | Cao*, Z, D H Lee* and Q Meng, "Scheduling of multiple-yard crane system with container loading sequence consideration".  *85th Annual Meeting of Transportation Research Board* (22 - 26 Jan 2006, Washington DC, United States)  
Publication no. 0314437 |
Publication no. 0189889 |
| 78. | Lee*, D H, W Z Zheng and Q X Shi, "Short-term traffic flow prediction using Bayesian combined model".  *The 10th World Conference on Transportation Research* (4 - 8 Jul 2004, Istanbul, Turkey)  
Publication no. 0163174 |


82. Cheu*, R L, S T Ng, D H Lee and H Wang, "Modeling diversion behavior of truck with real-time traffic information". *The 6th Asia-Pacific ITS Forum and Exhibitions* 208-209 (12 - 9 Oct 2003, Taipei, Taiwan) Publication no. 0180925


86. Lee*, D H, S T Jeng and M H Ng, "Defining the incident impact area for traffic diversions: Knowledge discovery via a data mining approach". *82nd Annual meeting of Transportation Research Board* (12 - 16 Jan 2003, Washington, D.C., United States) Publication no. 0161394


89. Lee, D H, "Experience of transportation development in Singapore". International Conference of Youth Chinese Transportation Professionals (Plenary paper) (5 - 6 Aug 2002, Nanjing, China)
Publication no. 0155511

Publication no. 0155523

Publication no. 0155509

Publication no. 0155508

Publication no. 0155520

Publication no. 0155839

Publication no. 0155515

96. Boyce*, D E, D H Lee* and B Ran, "Analytical models for the dynamic traffic assignment problem". 81st Annual Meeting of Transportation Research Board (Invited paper) (13 - 17 Jan 2002, Washington DC, United States)
Publication no. 0136592

Publication no. 0131110

Publication no. 0121073

100. Chen*, A, M Tatineni*, D H Lee* and H Yang, "Effect of the route choice models on estimating network capacity reliability". *The 79th Annual Meeting of the Transportation Research Board* (9 - 13 Jan 2000, Washington D.C, United States)
Publication no. 0121068

Publication no. 0121093

Publication no. 0121092

Publication no. 0136814

Publication no. 0121094

105. Lee*, D H, D E Boyce and B N Janson, "Formulation and application of an ideal dynamic user-optimal route choice model". *The 76th Annual Meeting of the Transportation Research Board* (12 - 16 Jan 1997, Washington DC, United States)
Publication no. 0121095

106. Lee*, D H, D E Boyce and B N Janson, "A link-based variational inequality model for the dynamic user-optimal route choice problem". *1996 INFORMS Annual Meeting* (3 - 6 Nov 1996, Atlanta, United States)
Publication no. 0121100

Publication no. 0136827
Publication no. 0136837

Publication no. 0136818

**ACCEPTED FOR PUBLICATION**

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

Publication no. 0570595

Publication no. 0559337

**SUBMITTED FOR PRESENTATION**

Publication no. 0581883

Publication no. 0581879
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

Publication no. 0413175

Publication no. 0370345

Publication no. 0370345

120. Lee*, D H, L Y Song* and H Q Wang, "Bilevel programming model and solutions of berth allocation and quay crane scheduling". *85th Annual Meeting of Transportation Research Board* (22 - 26 Jan 2006, Washington DC, United States) 
Publication no. 0314439

Publication no. 0314438

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

Publication no. 0440324

Publication no. 0440304
Huang*, B and D H Lee, "Bilevel programming approach to optimizing logistic distribution network with balancing requirements". The 83rd Annual Meeting of Transportation Research Board (11 - 15 Jan 2004, Washington DC, United States) Publication no. 0440284


Lee, D H, "Airport management and competition: Changi perspective". 2008 International Conference of Air Transportation and Aviation Safety (30 May 2008, Taoyuan, Taiwan) Publication no. 0371000


Lee, D H, "Deployment and innovation of ITS in Singapore". 2005 Asian Transportation Forum (4 - 5 Aug 2005, Chiao Hsi, Taiwan)
Publication no. 0214611

Publication no. 0214608

Publication no. 0189883

Publication no. 0207290

Publication no. 0180928

Publication no. 0155878

Publication no. 0155510

**EDITORIAL WORK ON BOOK**

**PUBLISHED**

Publication no. 0155506

Publication no. 0187564
Publication no. 0154645

Publication no. 0131040

**EDITORIAL WORK ON JOURNAL**

**INTERNATIONAL REFEREED**

**PUBLISHED**

Publication no. 0371490

2. Lee*, D H and Q Meng, eds., *Transportation Research Part C - Emerging Technologies.* 15, no. 4 (Special Issue on Modeling and Optimization for Transportation Logistics), (United Kingdom), 2007. (Guest Editor).
Publication no. 0310068

Publication no. 0350011

Publication no. 0310070

Publication no. 0310066

Publication no. 0310065

Publication no. 0310063

CHAPTER IN BOOK

PUBLISHED


THESIS

UNPUBLISHED BUT FINALIZED


Publication no. 0324201

Publication no. 0206073

Publication no. 0206073

Publication no. 0159490

Publication no. 0180906

Publication no. 0155507

Publication no. 0154638