



当前位置：师资力量-钱一之

钱一之

所在单位：交通运输系 职称：教授 博士生导师

- ← 师资队伍
- ← 教学名师
- ← 外籍教授
- ← 兼职教授
- ← 博导风采
- ← 领导风采

姓名：	钱一之
性别：	男
职称：	教授
电话：	13379506346
邮箱：	



个人简介：

钱一之长期致力于交通工程学科相关理论研究，美国Sigma Xi, ASCE, ASSE, TRB以及ITE会员，发表论文100余篇，其中SCI收录46篇，EI收录48篇。近五年先后主持/承担科研项目14项，鉴定项目10项，国际领先水平10项，获得国际学术奖8项。目前为Journal of Enterprise Information Management的编委，Journal of Advanced Transportation的助理编辑。

主要研究领域和方向：

申请人的研究领域有：

- ◆ 拥挤交通网络下动态交通时间预测；
- ◆ 交通系统数值模拟与仿真；
- ◆ 人工智能在交通方面的应用；
- ◆ 公共交通系统运营与技术等方面。

曾经主持或者承担的项目：

1. 2002-2004, New Jersey DOT & NCTIP.
2. 2003-2004, USDOT-FHWA & NJDOT.
3. 2005-2005, Greyhound Inc..
4. 2005-2006, USDOT-FHWA & NJDOT.
5. 2006-2006, USDOT-FHWA & NJDOT.
6. 2006-2008, USDOT-FHWA & NJDOT.
7. 2006-2007, USDOT-FHWA & NJDOT.
8. 2007-2011, USDOT-FHWA, USDOT-FHWA, DTFH61-07-H-00020.
9. 2008-2008, NYMTC.
10. 2008-2008, USDOT-FHWA & NJDOT.

现在主持或者承担的项目：

获得奖励科研或者其他：

1 获奖及其荣誉称号

- [1] Dwight David Eisenhower Transportation Research Fellowship Award, US Department of Transportation, 1991
- [2] The Most Supportive Professor, Meeting of the Institute for Transportation, sponsored by the Student Chapter of the Institute of Transportation Engineers at NJIT and the Alpha Student Chapter of ITS America at NJIT, May 1997
- [3] The George Krambles Transit Foundation National Scholarship Award, Advised Shoab Chowdhury's paper, titled "Intermodal Transit System Coordination," 1998
- [4] The George Krambles Transit Foundation National Scholarship Award, Advised Yuqing Ding's paper, titled "A Dynamic Headway Control Strategy for Transit Operations," 1999
- [5] Co-chair, the Annual Meeting of International Chinese Transportation Professional Association ? United States Northeastern Chapter, 2000
- [6] ICTPA-NE Outstanding Service Award, 2002
- [7] Chair, the seminar of International Chinese Transportation Professional Association ? United States Northeastern Chapter, May 15, 2001
- [8] Grant Tenure and Promotion to Associate Professor, NJIT, June 15, 2001
- [9] Co-chair, the Annual Meeting of International Chinese Transportation Professional Association ? United States Northeastern Chapter, September 22, 2001
- [10] Co-chair, a technical seminar titled "Maglev Technology and Its Potential Operating Locations," Jointly sponsored by Sigma Xi - NJIT Chapter and ITE & ITS Student Chapters, September 28, 2001
- [11] Chair, the seminar of International Chinese Transportation Professional Association ? United States Northeastern Chapter, April 27, 2002
- [12] Chair, "Transportation Management" session for the Annual Meeting of American Chinese Management and Educator (ACME) Association, August 3, 2002
- [13] Chair, the Annual Meeting of International Chinese Transportation Professional Association ? United States Northeastern Chapter, October 5, 2002
- [14] Outstanding Service Award, International Chinese Transportation Professional Association ? United States Northeastern Chapter, October 2002
- [15] Certificate of Appreciation by NJDOT Bureau of Research ? In Recognition of Your Commitment and Dedication to the Advancement of Transportation Research in the State of New Jersey, ? NJDOT Research Showcase, November 2002
- [16] The George Krambles Transit Foundation National Scholarship Award, Advised Xiaobo Liu's paper, Titled "Application of APC and GIS Data in Bus Performance Analysis - Case Study NJ Transit Route #62," 2003
- [17] Best Paper Award for Year 2002, "Optimization Work Zones for Two-Lane Highway Maintenance Projects," by Chien et.al, Journal of Transportation Engineering, ASCE, Vol.128, No.2, pp.145-155, March/April 2002
- [18] Chair, the Annual Meeting of International Chinese Transportation Professional Association ? United States Northeastern Chapter, Flushing, NY, September 2003
- [19] Co-Chair, Paper Review Committee, the Annual Meeting of International Chinese Transportation Professional Association, Taipei, Taiwan, 11'13 February, 2004
- [20] Conference Chair, the Annual Meeting of Chinese American Academic & Professional Society (CAAPS), Flushing, New York, August 14, 2004
- [21] Chair, the Annual Meeting of International Chinese Transportation Professional Association ? United States Northeastern Chapter, September 25, 2004
- [22] Most Outstanding Student Paper Award for Year 2003'2004, Xiaobo Liu Supervised by Steven Chien, "Applications of APC Data for Bus On-time Performance Analysis," ITE MET Section, 2004
- [23] George Krambles Transit Foundation National Scholarship Award, Advised Jayakrishna Patnaik's paper, titled "Improving Accuracy with Kalman Filtering Algorithm (KFA) to Predict Bus Arrival Times," 2004
- [24] Student Paper Award for Year 2004'2005 (First Place), Zhaoqing Qin Supervised by Steven Chien, "Improved Transit Accessibility: Optimal Design of Bus Stop Number and Locations," ITE MET Section, 2005
- [25] Section Student Paper Award for Year 2004'2005 (Third Place), Jayakrishna Patnaik Supervised by Steven Chien, "Development a Regression Model for Predicting Bus Arrival Times," ITE MET Section, 2005
- [26] Candidate of NJIT Teaching Excellent Award, 2005
- [27] Best Paper Award, J. Patnaik, Steven Chien, and A.Bladikas, "Using Data Mining Techniques on APC Data to Develop Effective Bus Scheduling Plans," The 9th World Multiconference on Systemics, Cybernetics and Informatics, Orlando, FL, 2005
- [28] Advised Kanachana Balakrishnan's paper titled "A Bi-Level Optimization Model for Transit Network Route Design Problem," The Most Outstanding Student Paper Award for Year 2005'2006, ITE MET Section
- [29] Service Award, Annual Meeting of International Chinese Transportation Professional Association (ICTPA), Hongkong and Macau, 2006
- [30] Promotion to the rank of Full Professor, New Jersey Institute of Technology, 2006
- [31] Conference Section Chair, The 20th Annual Meeting of International Chinese Transportation Professional Association, Los Angeles, CA, May 2007
- [32] Nominated by Marquis Who's Who, the 2009 Edition of Who's Who in America, November 2007
- [33]
- The very first recipient of the New Jersey Department of Transportation Research Implementation Award, Award Project: "Computer Modeling and Simulation of NJ Signalized Highways (Volumes 1 and 2)", the 10th Annual NJDOT Research Showcase, Trenton, October 16, 2008
- [34] Chair, Technical Program, The 22nd Annual Conference of ICTPA International, New Jersey, May 22'24, 2009
- [35] Outstanding Service Award, The 22nd Annual Conference of ICTPA, East Rutherford, New Jersey, May 22'24, 2009
- [36] Distinguished Scholar for NCKU Project of Promoting Academic Excellence & Developing World Class Research Center, National Cheng Kung University, July 2009
- [37] Conference Section Chair, Urban Planning and Environmental Protection Workshop, The 34th Annual Convention Program, Chinese American Academic & Professional Society (CAAPS), Flushing, NY, September 2009
- [38] Visiting Professor and Distinguished Scholar for NCKU Project of Promoting Academic Excellence & Developing World Class Research Center, National Cheng Kung University, May 2010 ~ December 2010.

出版专著教材和发表论文代表作：

A. Invited Presentations

- [1] Steven Chien, "Application of Microscopic Simulation Models for Traffic Operational Analysis on Freeways," The Delegation from New Jersey Turnpike Authority, December 1997.
- [2] Steven Chien, "Strategies for Traffic Control on Freeways," Sigma Xi - NJIT Chapter and IEEE - North Jersey Chapter, New Jersey Institute of Technology, March 1998.
- [3] Steven Chien, "Microscopic Traffic Simulation Models," Tamkang University, Taipei, Taiwan, December 1998.
- [4] Steven Chien, "High Speed Rail Systems and Intermodal Coordination," Workshop on Management of High Speed Rail Transportation in Taiwan, Taipei, Taiwan, December 1998.
- [5] Steven Chien, "Intermodal Transportation Systems Planning and Coordination," Institute of Transportation, Ministry of Transportation and Communications, Taipei, Taiwan, December 1998.
- [6] Steven Chien, "Critical Issues in Public Transportation," International Chinese Transportation Professional Association, Northeast (ICTPA-USNE) Chapter, Annual Meeting, page 19, New York, NY, September 1999.
- [7] Steven Chien, "Developing Dynamic Models for Travel Time Forecasting," NJ-TIDE Center, Advisory Committee Meeting, New Jersey Technology and Science Commission, February 2000.

[8] Steven Chien and Kyriacos Mouskos, "COBSIM and SYNCHOR Computer Software Training Course," New Jersey Department of Transportation, July 2000.

[9] Steven Chien, "Transportation Resrch Projects Conducted for NJDOT," NJDOT Research and Technology Division and Department of Civil and Environmental Engineering, New Jersey Institute of Technology, May 2000.

[10] Steven Chien, "Policy Issues in Subsidization of Public Transp. Systems for the 21st Century," National Taiwan University, Taipei, Taiwan, July 2000.

[11] Steven Chien, "Policy Issues in Subsidization of Public Transp. Systems for the 21st Century," Institute of Transportation, Ministry of Transportation and Communications, Taipei, Taiwan, August 2000.

[12] Steven Chien, "International Intermodal Transportation Corridor Center," Institute of Transportation, Ministry of Transportation and Communications, Taipei, Taiwan, June 2001.

[13] Steven Chien, "Recipe for Success as a Leader in the 21st Century," Tamkang University, Taipei, Taiwan, May 2001.

[14] Steven Chien, "Improving Transit Headway Regularity with Real-Time Control," National Cheng-Kung University, Tainan, Taiwan, May 2001.

[15] Steven Chien, "Traffic Forecasting Systems in NJ-TIDE," Annual Peer Review Meeting, New Jersey Commission Science and Technology, Princeton University, Princeton, January 2002.

[16] Steven Chien, Kyriacos Mouskos, Athanasios Ziliaskopoulos, "Development of Simulation/Assignment Model for an ITS Corridor in NJ," Annual Report Project Meeting, New Jersey Department of Transportation, Trenton, New Jersey, March 25, 2002.

[17] Steven Chien, "Development of Travel-Time Predictive Model for New York Thruway," International Bridges, Tunnels, and Turpikes Association, Annual Meeting (2002), New York, NY, May 2002.

[18] Steven Chien, "Development of Simulation/Assignment Model for New Jersey ITS Priority Corridor," Serve as a Panelist in ITS Panel Session, New Jersey Department of Transportation Research Showcase, Rowan University, Glassboro, NJ, November 2002.

[19] Steven Chien, "Use of Neural Network/Dynamic Algorithms to Predict Bus Travel Times under Congested Conditions," New Jersey Department of Transportation Research Showcase, Rowan University, Glassboro, NJ, November 2002.

[20] Steven Chien, "Computer Modeling and Simulation of New Jersey Signalized Intersections," New Jersey Department of Transportation Research Showcase, Rowan University, Glassboro, NJ, November 2002.

[21] Paul Schonfeld and Steven Chien, "Highway Alignment Evaluation and Optimization," New Jersey Department of Transportation, Trenton, New Jersey, February 2003.

[22] Steven Chien, "Computer Modeling and Simulation of New Jersey Signalized Highways," NJDOT Research Showcase 2003, Hyatt Regency Hotel, New Brunswick, NJ, October 2003.

[23] Steven Chien, "Optimization of Work Zone Lengths for Highway Maintenance Projects," ITE Met Section, Newark Club, Newark, NJ, May 2005.

[24] Steven Chien and Kair Opie, "Application of SYNCHRO 6.0 for Signal Optimization on New Jersey Highways," NJDOT, Trenton, NJ, August 2005.

[25] Steven Chien, "Cost/Benefit Analysis for Computer Modeling and Simulation of New Jersey Signalized Highways," NJDOT Research Showcase 2005, Westin Hotel, Princeton, NJ, October 2005.

[26] Steven Chien, "COBSIM: A Microscopic Traffic Simulation Model for Integrated Network," New Jersey Institute of Technology, CEE Graduate Seminars, Nov. 14, 2005.

[27] Steven Chien, "Applications of Microscopic Traffic Simulation Model for Integrated Network," Center for Transportation Research and Education, Iowa State University, Ames, Iowa, January 13, 2006.

[28] Steven Chien, "Advanced Transportation Research in ITS Applications," Annual Meeting, Chinese Institute of Engineers, Newark, New Jersey, September 2006.

[29] Steven Chien, "Simulation and Optimization of Greyhound Networks," National Cheng-Kung University, Tainan, Taiwan, June 2007. (Invited)

[30] Steven Chien, "Advanced ITS Research Projects at NJIT," National Taiwan University, Taipei, Taiwan, June 2007. (Invited)

[31] Steven Chien, "Maintenance Decision Support Systems," Transportation Forum, Chinese Institute of Transportation, Taipei, Taiwan, June 2008.

[32] Steven Chien, "Development and Application of TELUS - Transportation Economic and Land Use System," THI Consultant Inc., Taipei, Taiwan, June 2008.

[33] Steven Chien, "Stability and Accuracy of HCM Level of Service in Darkness and Adverse Weather," New Jersey Department of Transportation Research Showcase, Trenton, New Jersey, October 2008.

[34] Steven Chien, "Transportation Research @ NJIT," ICTPA-USNE 2008 Annual Meeting, Newark, New Jersey, October 2008. (Invited)

[35] Steven Chien, Kung-E Cheng and David Bowler, "New Jersey Institute of Technology (NJIT)/NJDOT MDSS Implementation," the 11th Maintenance Decision Support System (MDSS) Meeting, Charlotte, North Carolina, September 2009.

[36] Steven Chien, "ITS Resource Center," New Jersey Department of Transportation, Trenton, NJ, May 2010

B. Conference Presentations

[1] Yanlin Li, Andrew Leu, and Steven Chien, "Identical Traffic Streams Enhancement for the COBSIM Simulation Model," Presentation at Conference INFORMS, San Diego CA, May 4, 1997.

[2] Kyriacos Mouskos, Wu Sun, Arthur Eisendorfer, and Steven Chien, "Impact of Mid-Block Access Points on Traffic Accidents on State Highways in New Jersey," Transportation Research Board 78th Annual Meeting, Washington DC, January 1999.

[3] Mei Chen, David Bernstein, Steven Chien, and Kyriacos Mouskos, "A Simple Formulation for Toll Design Problems," Transportation Research Board 78th Annual Meeting, Washington DC, January 1999.

[4] Mei Chen and Steven Chien, "Determining the Number of Probe Vehicles for Freeway Travel Time Estimation Using Microscopic Simulation," Transportation Research Board the 79th Annual Meeting, Washington DC, January 2000.

[5] Shoab Chowdhury and Steven Chien, "Intermodal Transit System Coordination," Transportation Research Board the 79th Annual Meeting, Washington DC, January 2000.

[6] Yunging Ding, Steven Chien, and Noreen Zayas, "Microscopic Simulation of Bus Transit Operations - Case Study: Bus Rt. #39 of New Jersey Transit," Transportation Research Board 79th Annual Meeting, Washington DC, January 2000.

[7] Mei Chen and Steven Chien, "Factors Affecting the Minimum Number of Probe Vehicles Required for Freeway Travel Time Estimation," International Conference on Computational Intelligence & Neurosciences (CIAN) - Intelligent Transportation Systems, Atlantic City, NJ, February 2000.

[8] Yunging Ding and Steven Chien, "The Prediction of Bus Arrival Times with Link-based Artificial Neural Networks," International Conference on Computational Intelligence & Neurosciences (CIAN) - Intelligent Transportation Systems, Atlantic City, NJ, February 2000.

[9] Mei Chen and Steven Chien, "Dynamic Freeway Travel Time Prediction Using Probe Vehicle Data: Link-based vs. Path-based," Transportation Research Board 80th Annual Meeting, Washington DC, January 2001.

[10] Shoab Chowdhury and Steven Chien, "Optimization of Transfer Coordination for Intermodal Transit Networks," Transportation Research Board 80th Annual Meeting, Washington DC, January 2001.

[11] Shoab Chowdhury and Steven Chien, "Dynamic Vehicle Dispatching at Intermodal Transfer Stations," Transportation Research Board 80th Annual Meeting, Washington DC, January 2001.

[12] Yunging Ding and Steven Chien, "Improving Transit Service Quality and Headway Regularity with Real-Time Control," Transportation Research Board 80th Annual Meeting, Washington DC, January 2001.

[13] Cecilia Kelnhofer-Feeley, Qiang Hu, Steven Chien, L. Spasovic and Ya Wang, "A Methodology for Evaluating of School Bus Routing: A Case Study of Riverside, New Jersey," Transportation Research Board 80th Annual Meeting, Washington DC, January 2001.

[14] Steven Chien, Branislav Dimitrijevic, and Lazar Spasovic, "Bus Route Planning in Urban Grid Commuter Networks," Transportation Research Board 80th Annual Meeting, Washington DC, January 2001.

[15] Steven Chien, and Mouly, "Dynamic Travel Time Prediction with Real-time and Historical Data," Transportation Research Board the 81st Annual Meeting, Preprint CD-ROM, Washington DC, January 2002.

[16] Steven Chien, Qunsheng Li, and Janice Daniel, "GIS-Based Truck Accident Information and Management System," Transportation Research Board the 81st Annual Meeting, Preprint CD-ROM, Washington DC, January 2001.

[17] Dimitrios Goulias Steven Chien, and Shmuel Yahalom, "Methodology for Defining Rational & Defensible Highway Occupancy Charges," Transportation Research Board the 81st Annual Meeting, Preprint CD-ROM, Washington DC, January 2002.

[18] Janice Daniel, Feng-Ming Tsai, and Steven Chien, "Factors Influencing Truck Crashes on Roadways with Intersections," Transportation Research Board the 81st Annual Meeting, Preprint CD-ROM, Washington DC, January 2002.

[19] Janice Daniel, Rajat Rajbhandari, and Steven Chien, "Evaluation of Truck Crashes on the National Network," Transportation Research Board the 81st Annual Meeting, Preprint CD-ROM, Washington DC, January 2002.

[20] Steven Chien and Xiaobo Liu, "The Development of Dynamic Travel Times Prediction Models for South Jersey Real-time Motorist Information System," The 6th World Multiconference on Systematics, Cybernetics and Information (SCI), CD-ROM, Orlando, FL, July 2002.

[21] Steven Chien and Xiaobo Liu, "Predicting Travel Times for the South Jersey Real-time Motorist Information System," Association for Chinese Management Educators (ACME), 2002 Annual Conference, CD-ROM, Los Angeles, CA, August 2002.

[22] Vincent Cardon, Debbi Schlosser, and Steven Chien, "Design and Optimization of an Express Transit Service to Sandy Hook, NJ," Journal of the Transportation Research Board, The 82th TRB Annual Meeting, 2003.

[23] Rajat Rajbhandari, Steven Chien, and Janice Daniel, "Development of Statistic Models for Estimating Bus Dwell Times with AVL/APC Data," Journal of the Transportation Research Board, The 82th TRB Annual Meeting, 2003.

[24] Steven Chien, Chuck Tsai, and Edwin Hou, "Optimization of Multi-Route Feeder Bus Service - An Application of GIS," Journal of the Transportation Research Board, The 82th TRB Annual Meeting, 2003.

[25] Steven Chien, Xiaobo Liu, and Kaan Ozbay, "Predicting Travel Times for the South Jersey Real-time Motorist Information System," Journal of the Transportation Research Board, The 82th TRB Annual Meeting, 2003.

[26] Steven Chien and Himansu Patel, "Optimal Work Zone Lengths for Two-Lane Commuter Roadways," Journal of the Transportation Research Board, The 82th TRB Annual Meeting, 2003.

[27] Chandra Mouly Kuchipudi, and Steven Chien, "Development of a Hybrid Model for Dynamic Travel Time Prediction," Journal of the Transportation Research Board, The 82th TRB Annual Meeting, 2003.

[28] Mei Chen, Steven Chien, Xiaobo Liu, and Jeremy Brickey, "Application of AVL/APC Data Support System," Journal of the Transportation Research Board, The 82th TRB Annual Meeting, 2003.

[29] Steven Chien, Zhouqing Qin, and Rachel Liu, "Optimal Bus Stop Locations for Improving Transit Accessibility," Journal of the Transportation Research Board, The 82th TRB Annual Meeting, 2003.

[30] Mei Chen, Jason Yaw, Steven Chien, and Xiaobo Liu, "Using AVL/APC Data in Bus Arrival Time Prediction," Journal of the Transportation Research Board, The 82th TRB Annual Meeting, 2003.

[31] Kaan Ozbay, Bekir Bartin, and Steven Chien, "South Jersey Real-Time Motorist Information System: Technology and Practice," Journal of the Transportation Research Board, The 83rd TRB Annual Meeting, 2004.

[32] Steven Chien, Lazar Spasovic, Kier Opie, Vivek Korikantimath, Dejan Besencki, "Simulation-Based Analysis for Toll Plazas with Multiple Toll Collection Methods," The 84th TRB Annual Meeting, Washington DC, January 2005.

[33] Janice Daniel, Steven Chien, Rachel Liu, and Nazhat Aboobaker, "Visual Preference Survey of Traffic Calming Measures in New Jersey," the 85th Annual Meeting, Transportation Research Board, Washington DC, January 2006.

[34] Janice Daniel, Steven Chien, Rachel Liu, "Motorized Scooters Safety and Regulation," the 85th Annual Meeting, Transportation Research Board, Washington DC, January 2006.

[35] Kaan Ozbay, Mustafa Anil Yazici, and Steven Chien, "Study of Networkwide Impact of Various Demand Generation Methods Under Hurricane Evacuation Conditions," The 85th TRB Annual Meeting, Washington DC, January 2006.

[36] Kyriacos C. Mouskos, Athanasios K. Ziliaskopoulos, Steven Chien, and Camille Kampa, "Implementing Dynamic Traffic Assignment to Support Incident Management," The 6th Asia-Pacific Transportation Development Conference and the 19th ICTPA Annual Meeting, Hong Kong and Macau, May 2006.

[37] Janice Daniel, Steven Chien, Rachel Liu, and Nazhat Aboobaker, "Visual Preference Survey of Traffic Calming Measures in New Jersey," the 85th Annual Meeting, Transportation Research Board, Washington DC, January 2006.

[38] Janice Daniel, Steven Chien, Rachel Liu, "Motorized Scooters Safety and Regulation," the 85th Annual Meeting, Transportation Research Board, Washington DC, January 2006.

[39] Kaan Ozbay, Mustafa Anil Yazici, and Steven Chien, "Study of Networkwide Impact of Various Demand Generation Methods Under Hurricane Evacuation Conditions," The 85th TRB Annual Meeting, Washington DC, January 2006.

[40] Kyriacos C. Mouskos, Athanasios K. Ziliaskopoulos, Steven Chien, and Camille Kampa, "Implementing Dynamic Traffic Assignment to Support Incident Management," The 6th Asia-Pacific Transportation Development Conference and the 19th ICTPA Annual Meeting, Hong Kong and Macau, May 2006.

[41] Steven Chien, "Analysis and Modeling of Evacuation for Cape May County, New Jersey," The 20th ICTPA Annual Meeting, Los Angeles, CA, May 2007.

[42] Yimin Tang, and Steven Chien, "Scheduling Highway Maintenance Projects with Genetic Algorithms," WMSCI2007, Orlando Florida, July 2007.

[43] Steven Chien, "Analysis and Modeling of Emergency Evacuation," The 20th ICTPA Annual Meeting, Los Angeles, CA, May 2007. (Invited)

[44] Yimin Tang and Steven Chien, "Scheduling Work Zones for Highway Maintenance Project Considering Variable Time-cost Relation," the Journal of Transportation Research Board (Peer Reviewed), January 2008.

[45] Feng-Ming Tsai, Steven Chien, and Lazar Spasovic, "Optimizing Distance-Based Fares and Headway of an Intercity Transportation System with Elastic Demand and Trip Length Differentiation," the Journal of Transportation Research Board (Peer Reviewed), January 2008.

[46] Yimin Tang and Steven Chien, "Using Genetic Algorithms to Optimize Highway Work Zone Schedules," ICTPA Annual Meeting (Peer Reviewed), Nanjing, China, May 2008.

[47] Steven Chien, "Maintenance Decision Support System" Chinese Institute of Transportation (CIT), (Invited), Taipei, Taiwan, June 2008.

[48] Kitae Kim and Steven Chien, "Simulation Analysis of Energy Consumption for Various Train Controls and Track Alignments," Transportation Research Board, the 88th Annual Meeting (Peer Reviewed), Washington DC, January 2009.

[49] Steven Chien and Yavuz Ulusoy, "Optimal Transit Service for Minimum Cost Operation," Transportation Research Board, the 88th Annual Meeting (Peer Reviewed), Washington DC, January 2009.

[50] Athanasios K Bladikas, Feng-Ming Tsai, and Steven Chien, "Evaluation of Bus Travel Time and Schedule Adherence under Adverse Weather," Transportation Research Board, the 88th Annual Meeting (Peer Reviewed), Washington DC, January 2009.

[51] Janice Daniel, Steven Chien, and Jongho Byun, "Impact of Adverse Weather on Freeway Speeds and Flows," Transportation Research Board, the 88th Annual Meeting (Peer Reviewed), Washington DC, January 2009.

[52] Jongho Byun, Janice Daniel, and Steven Chien, "Estimating Average Travel Speed under Adverse Weather Conditions," the 2nd International Symposium on Freeway and Tollway Operations (PSP), Hawaii, April 2009.

[53] Kitae Kim, and Steven Chien, "Estimating Average Travel Speed under Adverse Weather Conditions," the 22nd ICTPA Annual Meeting, East Rutherford, New Jersey, May 2009.

[54] Chuck Tsai, Steven Chien, and Chien-Hung Wei, "Optimal Differentiated Fare and Temporal Service for an Intercity Transit," the 22nd ICTPA Annual Meeting, East Rutherford, New Jersey, May 2009.

[55] Chien-Hung Wei, Chuck Tsai, Mun-Jin, Chen, and Steven Chien, "Design and Modeling of Public Transit Services and Networks," the 22nd ICTPA Annual Meeting, East Rutherford, New Jersey, May 2009.

[56] Yavuz Ulusoy and Steven Chien and Yavuz Ulusoy, "Optimal All-Stop, Short-Turn, and Express Transit Services under Heterogeneous Demand," Transportation Research Board, the 89th Annual Meeting (Peer Reviewed), January 2010.

[57] Haifeng Yu, Steven Chien, and Ching-Jung Ting, "A Bi-level Programming Model for Minimum Cost Travel Time Data Collection with Time-Windows," Transportation Research Board, the 89th Annual Meeting (Peer Reviewed), January 2010.

[58] Yimin Tang and Steven Chien, "Optimization of Work Zone Schedule Considering Time-Varying Traffic Diversion," Transportation Research Board, the 89th Annual Meeting (Peer Reviewed), January 2010.

[59] Kitae Kim and Steven Chien, "Optimal Train Operation for Minimum Energy Consumption Considering Schedule Adherence," Transportation Research Board, the 89th Annual Meeting (Peer Reviewed), January 2010.

[60] Steven Chien and Kiran Kolluri, "Evaluation of Freeway Travel Time Variability and Reliability under Adverse Weather with TRANSMIT Data," Transportation Research Board, the 89th Annual Meeting (Peer Reviewed), January 2010.

[61] Anil Yazici, Kaan Ozbay, and Steven Chien, "Comprehensive Analysis of Important Questions Related to Incident Durations Based on Past Studies and Recent Empirical Data," Transportation Research Board, the 89th Annual Meeting (Peer Reviewed), January 2010.

[62] Byun, Jongho, Daniel, Janice R., and Steven Chien, "Speed-Flow Relationships under Adverse Weather Conditions," Transportation Research Board, the 89th Annual Meeting (Peer Reviewed), January 2010.

备注:

更新时间: 2012-9-28 14:25:13

[【返回】](#)

Copyright©2013 长安大学汽车学院版权所有, 未经授权禁止复制或建立镜像

地址: 西安市长安路三十三号长安大学长安路住宅区汽车学院 电话: 029-82334458 传真: 029-82334476

您是本站的第 611824 位访问者 技术支持:  海迈文化传播