

# Professor Wang Hao

## Biography



Professor Wang Hao is currently the Co-Director of International Institute of Logistics and Service Science- China and Central-Eastern Europe. He is a full Professor and the Vice Dean of School of Business, Ningbo Institute of Tech., ZheJiang University, China. He is also one of the five Honorary Professors of Bialystok University of Technology, Poland. He got his PhD degree from The Logistics Institute - Asia Pacific and Dept. of Civil Engineering of National University of Singapore in 2004. He graduated from Tsinghua University and Dalian University of Technology in China with M.Engg and B. Engg respectively.

Professor Wang worked as a Postdoctoral Research Fellow in University of Taxes at El Paso (2011-2013), the United States. He was a senior consultant in Integrated Decision Systems Consultancy Pte Ltd (IDSC) in Singapore and its Chief Representative in Greater China area (2004-2005). He was also holding concurrent appointment as the General Manager at Jiangsu Topasia Logistics Consulting Co. Ltd in China. Before he joined IDSC, he has been a consultant in MAEDA consultancy Pte Ltd in Japan (1998-1999), and a research engineer in National University of Singapore (2003-2004).

Professor Wang worked in engineering logistics, intelligent transportation and supply chain management (SCM) consultancy for many years. Dr. Wang is the sole inventor owning more than 50 national patents in China. His areas of expertise include facility location problem, vehicle routing planning, fleet management, demand forecasting, large-scale microscopic traffic simulation, supply chain management and government policy for strategic logistics planning.

Professor Wang is also active in education and training of Modern Logistics & SCM. He is the certified trainer for International Purchasing & Supply Chain Management (IPSCM) Program promoted by United Nations/WTO as well as the certified trainer for National Logistics Professionals Training Program by China Federation of Logistics and Purchasing (CFLP). Dr Wang is the editor & author for IPSCM Program's supplementary teaching material in China.

### **National Patent**

Wang, H., *National Patent No. 200810162565.4* A method to monitor the book's attention in the bookstore

Wang, H., *National Patent No. 200810164230.6* A Method of Real Time Signal Controlling of Bus Priority Based on RFID

Wang, H., *National Patent No. 200810163118.0* A method of monitoring the degree of concern of footwear products in sales terminals

Wang, H., National Patent No. 200810163116.1 Monitoring and Tracking Methods of Library Utilization Rate in Library

### **Journal Paper**

Wang, H., A. Unnikrishnan, S. Hernandez and R.L. Cheu, A Capacitated Centralized Carrier Collaboration Multihub Location Problem: A Tabu Search Approach, *Transportation Research Record (TRR), Journal of the Transportation Research Board*, No.2466, pp 22-30, 2014. **SCI**

Wang, H., Der-Horng, Lee and R.L. Cheu, Intelligent Taxi Dispatch System for Advance Reservations, *Journal of Public Transportation*, Vol. 17, No. 3, pp 115-128, 2014 (3), **SSCI**

Wang, H., and R.L. Cheu, Operations of a Taxi Fleet for Advance Reservations Using Electric Vehicles and Charging Stations, *Transportation Research Record (TRR), Journal of the Transportation Research Board*, pp 1-10, 2013. **SCI**

Wang, H., and R.L. Cheu, A Real Time Tracking and Security Monitoring System for Logistics Companies, *Information Technology Journal*, 12(17), pp 4323-4327, 2013. **EI**

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Wang, H., R.L. Cheu and D.H. Lee, Microscopic Simulation Modeling of En-route Diversion Strategies for Commercial Vehicle Operations , *Key Engineering Materials*, v 480-481, pp 1008-1013, 2011. **EI**

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Wang, H., D.H. Lee, and R.L. Cheu and , Microscopic Traffic Simulation based Dispatch Modeling for Taxi Booking Service, *Advanced Materials Research*, v 187, pp 677-682, 2011. **EI**

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### **Conference Paper**

Wang, H. and X., Qin, A study of the automated logistics system of YOUNGOR's distribution center, *2010 2nd Pacific-Asia Conference on Circuits, Communications and System, PACCS 2010*, v 2, p 194-197, 2010.

Wang, H. and W., Liu, A study of the integrated transportation and logistics information platform of Yangtze River Delta, *2010 2nd Pacific-Asia Conference on Circuits, Communications and System, PACCS 2010*, v 2, p 190-193, 2010,

Lee, D.H., H. Wang and R.L. Cheu, Trip-Chaining for Taxi Advance Bookings: A Strategy to Reduce Cost of Taxi Operations, *Proceedings of The 83<sup>rd</sup> Annual Meeting of the Transportation Research Board*, in CD-ROM, Washington, D.C. Jan 11-15, 2004.

Wang, H., R.L. Cheu and D.H. Lee, An En-Route Security Monitoring System for Commercial Vehicles, *Proceedings of The IEEE 6<sup>th</sup> International Conference on Intelligent Transportation Systems*, in CD-ROM, Shanghai, China, Oct 12-15, 2003.

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Cheu, R.L., H. Wang and D.H. Lee, En-Route Security Monitoring of Commercial Vehicles using Telemetry and Car-Following Data, presented at *The 83<sup>rd</sup> Annual Meeting of the Transportation Research Board*, Washington, D.C. Jan 11-15, 2004.

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Lee, D.H. and H. Wang, The Application and Development of ITS in Singapore, in *The 7<sup>th</sup> Multinational Urban Traffic Research Academic Thesis Album*, Beijing, China, PP. 57-62, 2001.

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Li Y-T, Zhong J-K and H. Wang, A Study on Bridge Expressway Surveillance and Control System - Based on Qingdao Harbor Bridge Project, *Proceedings of the 8th Asia-Pacific Intelligent Transport Systems Forum and Exhibition 2006*, in CD-ROM, Hong Kong, 10-13 July 2006.