

## HONG CHEN

### OFFICE:

Shanghai Advanced Institute of Finance  
Shanghai Jiaotong University  
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### RESEARCH INTERESTS

- Clean energy market and finance, and carbon reduction in supply chain
- Modeling, optimization and empirical analysis of supply chain management, and service and healthcare management, economic and financial systems
- Corporate finance, risk management, and real estate
- Best practices of supply chain management in China

### EDUCATION

Ph.D., Engineering-Economic Systems, Stanford University  
M.A., Engineering-Economic Systems, Stanford University  
B.S., Mathematics, Xi'an Jiaotong University

### PROFESSIONAL EXPERIENCE

2011-present	Professor of Management Science, Shanghai Advanced Institute of Finance 2012-2015, Deputy Dean for Programs 2012-2014, Founding Director of DBA Program
2016-2017	Visiting Professor, Cheung Kong Graduate School of Business
2005-2011	Alumni Professor in Supply Chain Management, Chair of the Division of Operations and Logistics (2006-2009), Sauder School of Business, University of British Columbia
2010-2011	Dean (oversea), School of Management, Xi'an Jiaotong University
2009-2010	Professor, Operations Management, CEIBS, Shanghai
2003-2005	Founding Professor and Academic Associate Dean, Cheung Kong Graduate School of Business
1989-2002	Professor (1998-2002), Associate Professor (with tenure, 1993-1998), Assistant Professor (1989-1993), Faculty of Commerce and Business Administration (now renamed to Sauder School of Business), University of British Columbia
1988-1989	Assistant Professor, Industrial and Management Engineering, New Jersey

1987-1988                      Institute of Technology  
Post-doctoral fellow, Division of Applied Sciences, Harvard University

## **VISITING POSITION HELD**

Jan-Dec 2002                      Visiting Professor, Systems Engineering and Engineering Management,  
Chinese University of Hong Kong  
1997-1999                      Visiting Senior Lecturer, Industrial Engineering and Engineering  
Management, Hong Kong University of Science & Technology  
Mar-June 1994                      Visiting Associate Professor, School of Industrial and Systems  
Engineering, Georgia Institute of Technology  
Feb 1994                      Visiting Scholar, Operations Research, Stanford University  
Aug-Oct 1993                      Visiting Senior Lecturer, School of Business and Management, Hong  
Kong University of Science & Technology

## **HONORARY APPOINTMENTS**

2007-2010                      Special Term Professor, Shanghai University of Finance and Economics  
2001-2004                      Honorary Head, Department of Management Science, School of  
Management, Xi'an Jiaotong University  
2002-2003                      Special Term Professor, School of Economics and Management,  
Tsinghua University

## **AWARDS AND DISTINCTIONS**

- Recipient of National Thousand Talent Plan ( “国家千人计划” ), China, 2012
- Outstanding Oversea Young Research Award ( “国家杰青” B类), NSFC, China, 2000
- Research Excellence Award, Faculty of Commerce, UBC, 1993
- Izaak Walton Killam Memorial Faculty Research Fellowship, UBC, 1993
- Engineering Initiation Awards, NSF-USA, 1989
- George Nicholson Prize (honorable mention), The Institute for Operations Research and Management Science (INFORMS), 1988
- The Li Foundation Fellowship, the Li Foundation, New York, 1982-1984

## **EDITORSHIP AND OFFICES HELD ON SCHOLARLY SOCIETIES**

- Editor, *Journal of the Operations Research Society of China*, 2012-2015
- Associate Editor, *Management Science*, 2006-2009
- Associate Editor, *Queueing Systems - Theory and Applications*, 1996-2008.
- Editor, *Journal of Systems Science and Complexity* (China), 2000-2007
- Associate Editor, *Operations Research*, 1995-2005
- Served on the Career Award Panel, National Science Foundation (USA), 2000
- Chair/Past Chair, INFORMS Society on Applied Probability, 1995-1998

- Vice Chair/Chair Elect, INFORMS Society on Applied Probability, 1994-1995
- Council Member, TIMS Applied Probability College, 1992-1994

## MEMBERSHIPS ON SCHOLARLY SOCIETIES

- The Institute for Operations Research and Management Science (INFORMS, a merger of former Operations Society of America (ORSA) and The Institute of Management Science (TIMS)), 1987-present
- INFORMS Society on Applied Probability
- INFORMS Society on Manufacturing and Service Operations Management (MSOM)
- Production and Operations Management Society (POMS)
- American Economic Association

## MAJOR RESEARCH GRANTS

- Hong Kong GRF Project (HK RGC, Co-Investigator), HKD 822,993, 2022-2024
- SJTU- University of Toronto Collaborative Seed Fund, RMB 75,000, 2019-2021
- Innovation Group Grant (创新群体) (71421002, NSFC-China, Co-Investigator), RMB 3,000,000, 2014-2017
- Platform Program (面上项目) (71271131, NSFC-China), RMB 560,000, 2013-2016
- Discovery Grants Program (NSERC), \$140,000, 2009-2014
- Discovery Grants Program (NSERC), \$105,000, 2006-2009
- Grant for Outstanding Oversea Young Researchers, NSFC-China), Y\$200,000, 2001-2003
- Individual Research Grant (NSERC), \$156,480, 2000-2004
- Earmarked Competitive Research Grant (RGC-HK), HK\$635,817. 2000-2003, co-principal investigator.
- Industrial Project (China Airline Service Limited, HK), HK\$200,000, 1999-2001, co-principal investigator
- Individual Research Grant (NSERC), \$156,000, 1996-2000
- Area-of-Excellence Grant (HKUST School of Engineering Dean's Office), HK\$200,000, 1998-1999
- Earmarked Competitive Research Grant (RGC-HK), HK\$435,600, 1997-1999
- Industrial Collaboration Grants (NSERC), \$45,000, 1997-1998, co-principal investigator
- Industrial Partnership Program (BC Advanced Systems Institute), \$18,000, 1996-1997, co-principal investigator
- Industrial Project (Avcorp Industries Inc.), \$30,000, 1996-1997, co-investigator
- Faculty Research Fellowship (UBC Killam), \$13,000, 1993-1994
- Operating Grant (NSERC), \$75,000, 1993-1996
- Operating Grant (NSERC), \$45,000, 1990-1993
- Engineering Initiation Awards (NSF-USA), US\$55,638, 1989-1991
- Humanities and Social Sciences (UBC-HSS), \$12,115, 1991-2001

## PHD SUPERVISION

- Alex Qian (Co-principal adviser), Sauder School of Business, University of British Columbia,

2006-2012

- Owen Wu, Sauder School of Business, University of British Columbia, 2006  
**The first prize winner**, Manufacturing & Service Operations Management Society's Student Competition, 2006
- Xinyang Shen, Sauder School of Business, University of British Columbia, 2001
- Hengqing Ye, Department of Industry Engineering and Engineering Management, Hong Kong University of Science and Technology, 1999  
**Honorary mention**, INFORMS George Nicholson Student Paper Competition, 1999.
- Liqun Xu, Department of Industry Engineering and Engineering Management, Hong Kong University of Science and Technology, 1998

### **DBA SUPERVISION (Doctor of Business Administration in Global Financial Management)**

(**Selective**. Position is at the time of their thesis completion)

- Lei Shi (founder and managing director, Shanghai Fudan Microelectronics Group Co., Ltd. Listed in HK Stock Exchange; Chairman, Shanghai Commerce and Invest (Group) Corporation ("SCI") and Shanghai Fudan Technology Enterprise Holdings Ltd; 上海复旦微电子集团股份有限公司创始人、执行董事、总经理, 上海市商业投资(集团)有限公司董事长), Shanghai Advanced Institute of Finance and Arizona State University, 2002-2005
- Jicheng Zhao (vice president and CRO of Ping An Bank Co., Ltd; 平安银行总行副行长), Shanghai Advanced Institute of Finance and Arizona State University, 2002-2005
- Ye Zhou (founder and president, ChinaPNR, 汇付天下有限公司创始人、总裁周晔), Shanghai Advanced Institute of Finance and Arizona State University, 2002-2005
- Xinjun Liang (co-founder and vice chairman/CEO of Fosun Group, one of the largest private groups in China; 复星集团创始人之一, 现任公司副董事长兼首席执行官), Shanghai Advanced Institute of Finance and Arizona State University, 2002-2005.
- Jianguo Wang (founder of 五星电器 later acquired by BestBuy, founder of 孩子王、汇通达、好享家), Shanghai Advanced Institute of Finance and Arizona State University, 2004-2006.

### **MBA and MF SUPERVISION @ Shanghai Advanced Institute of Finance**

More than 30 student theses in the past 10 years.

#### **Taught courses for DBA, Executive MBA and Executive Development Program at**

Shanghai Advanced Institute of Finance  
China Europe International Business School  
Cheung Kong Graduate School of Business  
Guanghua School of Management, Beijing University  
School of Economics and Management, Tsinghua University  
School of Engineering, Chinese University of Hong Kong

**Consulted for (selective)** Hynertech New Energy, Digital China, Lenovo, Li Ning Sport, Midea, Sanlian, TCL, Tsingdao Beer, Unicom, Government of Urumqi.

## HONG CHEN

### *Publications Record*

#### BOOK

H. Chen and D.D. Yao, *Fundamentals of Queuing Networks: Performance, Asymptotics and Optimization*, Springer-Verlag, New York, 2001.

#### ARTICLES IN PROFESSIONAL JOURNALS

- H. Chen, C. Tong and L. Bai, "The Lenovo Duo Model" (in Chinese), *Harvard Business Review* (China Edition), 82-92, January 2009.
- Chen, H., Qin, L., Shi, X.H, "Towards an Agility Supply Chain" (in Chinese), *Harvard Business Review* (China Edition), June 2009.

#### REFEREED PUBLICATIONS

##### (a) *Journals*

- H. Chen, J.M. Harrison, A. Mandelbaum, A.V. Ackere and L.M. Wein, "Empirical evaluation of a queueing network model for semiconductor wafer fabrication", *Operations Research*, **36**, 2, 202-215 (1988).
- H. Chen, "Optimal intensity control of a multi-class queue", *Queueing Systems - Theory and Applications*, **5**, 281-294 (1989).
- J.M. Harrison, R.J. Williams and H. Chen, "Brownian models of closed queueing networks with homogeneous customer populations", *Stochastics and Stochastics Reports*, **29**, 37-74 (1990).
- H. Chen and D.D. Yao, "Optimal intensity control of a queueing system with state-dependent capacity limit", *IEEE Transactions on Automatic Control*, **35**, 4, 459-464 (1990).
- H. Chen and D.D. Yao, "Derivatives of the expected delay in the GI/G/1 queue", *Journal of Applied Probability*, **28**, 899-907 (1990).
- H. Chen and A. Mandelbaum, "Discrete flow Networks: bottleneck analysis and fluid approximations", *Mathematics of Operations Research*, **16**, 2, 408-446 (1991).
- H. Chen and A. Mandelbaum, "Stochastic discrete flow networks: diffusion approximations and bottlenecks", *Annals of Probability*, **19**, 4, 1463-1519 (1991).
- H. Chen and D.D. Yao, "A fluid model for systems with random disruptions", *Operations Research*, **40**, S2, S239-247 (1992).
- H. Chen, P. Yang, D.D. Yao and X. Chao, "Optimal control of a simple assembly system", *Operations Research Letters*, **14**, 199-205 (1993).
- S.H. Xu and H. Chen, "On the asymptote of the optimal routing policy for two service stations", *IEEE Transactions on Automatic Control*, **38**, 187-189 (1993).
- H. Chen and D.D. Yao, "Dynamic scheduling of a multi-class fluid network", *Operations Research*, **41**, 1104-1115 (1993).
- H. Chen and W. Whitt, "Diffusion approximations for open queueing networks with service interruptions", *Queueing Systems, Theory and Applications*, **13**, 335-359 (1993).

- H. Chen and J.G. Shanthikumar, "Fluid limits and diffusion approximations for networks of multi-server queues in heavy traffic", *Journal of Discrete Event Dynamic Systems*, **4**, 269-291 (1994).
- H. Chen, P. Yang and D.D. Yao, "Control and scheduling in a two-station queueing network: optimal policies and heuristics", *Queueing Systems, Theory and Applications*, **18**, 301-332 (1994).
- H. Chen, "Fluid approximations and stability of multiclass queueing networks: work-conserving disciplines", *Annals of Applied Probability*, **5**, 636-665 (1995).
- D. Atkins and H. Chen, "Performance evaluation of scheduling control of queueing networks: fluid model heuristics", *Queueing Systems, Theory and Applications*, **21**, 391-413 (1995).
- H. Chen, "Rate of convergence of the fluid approximation for generalized Jackson networks", *Journal of Applied Probability*, **33**, 3, 804-814 (1996).
- H. Chen, "A sufficient condition for the positive recurrence of a semimartingale reflecting Brownian motion in an orthant", *Annals of Applied Probability*, **6**, 3, 758-765 (1996).
- H. Chen and H. Zhang, "Diffusion approximations for multiclass re-entrant lines under a first-buffer-first-served discipline", *Queueing Systems, Theory and Applications*, **23**, 177-195 (1996).
- T. Chi, J.J. Liu and H. Chen, "Optimal stopping rule for a project with uncertain completion time and salvageability", *IEEE Transactions on Engineering Management*, **44**, 1, 54-66 (1997).
- H. Chen and H. Zhang, "Stability of multiclass queueing networks under FIFO discipline", *Mathematics of Operations Research*, **22**, 3, 691-725 (1997).
- H. Chen, O. Kella and G. Weiss, "Fluid approximations for a processor-sharing queue", *Queueing Systems, Theory and Applications*, **27**, 99-125 (1997).
- X. Chao, H. Chen and W. Li, "Optimal control of tandem networks with finite buffer and blocking", *Acta Mathematicae Applicatae Sinica (应用数学学报)*, **13**, 425—437 (1997).
- H. Chen and H. Zhang, "Diffusion approximations for Kumar-Seidman network under a priority service discipline", *Operations Research Letters*, **23**, 171-181 (1998).
- H. Chen, "Basic Adjoint Relation for Transient and Stationary Analysis of Some Markov Processes", *Annals of Operations Research*, **87**, 273-303 (1999).
- J.J. Liu and H. Chen, "Optimal pacing in an assembly-based multistage production system", *Annals of Operations Research*, **87**, 87-101 (1999).
- H. Chen and H. Zhang, "Stability of multiclass queueing networks under priority service disciplines", *Operations Research*, **48**, 1, 26-37 (2000).
- H. Chen and H. Zhang, "A necessary condition and a sufficient condition for the diffusion approximations of multiclass queueing networks under priority service disciplines", *Queueing Systems, Theory and Applications*, **34**, 237-268 (2000).
- H. Chen and X. Shen, "Strong approximation for multiclass feedforward queueing networks", *Annals of Applied Probability*, **10**, 3, 822-876 (2000).
- H. Chen and H. Zhang, "Diffusion approximations for some multiclass queueing networks under FIFO service disciplines", *Mathematics of Operations Research*, **25**, 679-707 (2000).
- H. Chen and M. Frank, "State dependent pricing with a queue", *IIE Transactions*, **33**, 10, 847-860 (2001).
- H. Ye and H. Chen, "Lyapunov function as a necessary and sufficient condition for the stability of fluid networks", *Operations Research Letters*, **28**, 3, 125-136 (2001).
- H. Chen and H. Ye, "Existence condition for the diffusion approximations of multiclass priority queueing networks", *Queueing Systems, Theory and Applications*, **38**, 435-470 (2002).
- H. Chen, X. Shen and D.D. Yao, "Brownian approximations of multiclass open queueing networks", *Operations Research*, **50**, 6 (2002).
- H. Chen and H. Ye, "Piecewise linear Lyapunov function for the stability of multiclass queueing networks", *IEEE Transactions on Automatic Control*, **47**, 4 (2002).
- X. Shen, H. Chen, J.G. Dai and W. Dai, "The finite element method for computing the stationary

- distribution of an SRBM in a hypercube with applications to finite buffer queueing networks”, *Queueing Systems, Theory and Applications*, **42**, 1, 33-62 (2002).
- H. Chen and Y.-W. Wan, “Price competition of make-to-order firms”, *IIE Transactions*, **35**, 9 (2003).
  - H. Chen and X. Shen, “The finite element method for computing the stationary distribution of an SRBM in an orthant with applications to open queueing networks”, *Queueing Systems, Theory and Applications*, **45**, 1, 27-45 (2003).
  - H. Chen and M. Frank, “Monopoly pricing when customer queues”, *IIE Transactions*, **36**, 569-581 (2004).
  - H. Chen and Y.-W. Wan, “Capacity competition of make-to-order Firms”, *Operations Research Letters*, **22**, 3, 187-194 (2005).
  - H. Chen, M. Frank and O. Wu, “What actually happened to the Inventories of American Companies between 1981-2000?”, *Management Science*, **51**, 7, 1015-1031 (2005).
  - H. Chen, O. Wu and M. Frank, “U.S. retail and wholesale inventory performance from 1981 to 2003”, *Manufacturing and Service Operations Management*, **9**, 4, 430-456 (2007).
  - X. Chao, H. Chen, and S. Zheng, “Joint replenishment and pricing decisions in inventory systems with stochastically dependent supply capacity”, *European Journal of Operations Research*, **191**, 140-153 (2008).
  - X. Chao, H. Chen and S. Zheng, “Dynamic capacity expansion for a service firm with capacity deterioration and supply uncertainty”, *Operations Research*, **57**, 82-93 (2009).
  - H. Chen, O. Wu and D.D. Yao, “On the benefit of inventory-based dynamic pricing strategies”, *Production and Operations Management*, **19**, 3, 249-260 (2010).
  - O. Wu and H. Chen, “Optimal control and equilibrium behavior of production-inventory systems”, *Management Science*, **56**, 9, 1362-1379 (2010).
  - H. Chen and H. Ye, “Asymptotic optimality of balance routing”, *Operations Research*, **60**, 163-179 (2012).
  - H. Chen and Z. Zhang, “Technical note – Joint inventory and pricing control with general additive demand”, *Operations Research*, **62**, 6, 1335-1343 (2014).
  - H. Chen, Q. Qian and A. Zhang, “Would allowing privately funded health care reduce the public waiting time? Theory and empirical evidence from Canadian joint replacement surgery data”, *Production and Operations Management*, **24**, 4, 605-618 (2015).
  - H. Chen and M. Frank, “Are Direct Investments by the Federal Reserve a Good Idea? A Corporate Finance Perspective”, *Quarterly Journal of Finance*, **6**, 3 (48 pages) (2016).
  - O. Wu and H. Chen, “Chain-to-chain competition under demand uncertainty”, *Journal of the Operations Research Society of China*, **4**, 1, 49-75 (2016).
  - H. Chen and H. Ye, “An examination of some factory physics principles”, *Journal of the Operations Research Society of China*, **4**, 2, 131-145 (2016).
  - Z.Y. Zhou, H. Chen, L. Han and A.M. Zhang, “The effect of a subway on house prices: evidence from Shanghai”, *Real Estate Economics*, **49**, 199-234 (2021).
  - H. Chen, T. Wang and D.D. Yao, “Financial network and systemic risk – a dynamic model”, *Production and Operations Management*, **30**, 8, 2441-2466 (2021)
  - H. Chen and M.Z. Frank, “The Effect of Taxation on Corporate Financing and Investment”, (Featured Article) *Review of Corporate Finance Studies*, **11**, 1, 47-87 (2022).
  - V.F. Araman, H. Chen, P.W. Glynn and L. Xia, “On a single server queue fed by scheduled traffic with Pareto perturbations”, *Queueing Systems, Theory and Applications* (2022)

**(b) Conference Proceedings**

- H. Chen and D.D. Yao, "Optimal scheduling of multi-class queueing networks: the approach via fluid network", *Proceedings of the 28th IEEE Conference on Decision and Control*, 1105-1106 (1989).
- P. Yang, H. Chen and D.D. Yao, "Optimal control and scheduling in a multi-class queueing network: results and conjectures", *Proceedings of the 29th IEEE Conference on Decision and Control*, 582-586 (1990).
- H. Chen and D.D. Yao, "Studies on systems with random disruptions via fluid models", *Proceedings of 1991 American Control Conference*, Boston, MA.
- X. Chao and H. Chen, "Optimal control for a tandem queue with blocking", *Proceedings of the 12th World Congress International Foundation of Automatic Control*, **10**, 357-360, Sydney, Australia (1993).
- D. Atkins and H. Chen, "Dynamic scheduling control for a central server network of queues", *World Congress International Foundation of Automatic Proceedings of the 12th Control*, **10**, 351-356, Sydney, Australia (1993).
- H. Chen and Y. Zhao, "A new queueing model for aircraft landing process", *Proceedings of AIAA Guidance, Navigation, and Control Conference*, AIAA Paper 1997-3737, New Orleans, LA (1997).
- H. Chen and H. Ye, "Piecewise linear Lyapunov function for the stability of multiclass queueing networks with priority service disciplines", *Proceedings of the 38th IEEE Conference on Decision and Control*, Phoenix (1999).
- H. Chen, Y.-W. Wan and J. Zhong, "Price and time competition of two identical make-to-order firms", MSOM Society Conference, Ann Arbor, Michigan (2000).

**(c) Chapters**

- H. Chen and A. Mandelbaum, "Leontief systems, RBV's and RBM's", *Applied Stochastic Analysis*, edited by M.H.A. Davis and R.J. Elliotte, *Stochastic Monographs*, Volume **5**, 1-43, Gordon and Breach Science Publishers (1991).
- H. Chen and W.T. Ziemba, "Dynamic Programming", *The New Palgrave Dictionary of Money and Finance*, edited by P. Newman, M. Milgate and J. Eatwell, 713-715, Macmillan (1992).
- H. Chen and A. Mandelbaum, "Hierarchical modelling of stochastic networks, Part I: fluid models", *Stochastic Modeling and Analysis of Manufacturing Systems*, edited by D.D. Yao, 47-105, Springer-Verlag (1994).
- H. Chen and A. Mandelbaum, "Hierarchical modelling of stochastic networks, Part II: strong approximations", *Stochastic Modeling and Analysis of Manufacturing Systems*, edited by D.D. Yao, 107-131, Springer-Verlag (1994).
- H. Chen and D.D. Yao, "Stable priority disciplines for multiclass networks", in *Stochastic Networks: Stability and Rare Events* (Lecture Notes Series), edited by P. Glasserman, K. Sigman and D.D. Yao), 27-39, Springer-Verlag (1996).
- H. Chen, "A Brownian model of stochastic processing network", *Stochastic Modeling and Optimization, with applications in Queues, Finance and Supply Chains*, edited by D.D. Yao, H. Zhang and X.Y. Zhou, Springer-Verlag (2002).
- H. Chen and H. Ye, "Methods in diffusion approximation for multi-server systems: sandwich, uniform attraction and state-space collapse" in *Queueing Networks: A Fundamental Approach*, edited by R.J. Boucherie and N.M. van Dijk, 489-530, Springer (2011).



## CASE STUDIES

- J.-D. Brochu, H. Chen and N. Kumar, “An e-business case study”, sponsored by and prepared for Industry Canada (2001).
- H. Chen and S. Wang, “Sanlian Home Appliances (A)” and “Sanlian Home Appliances (B)” (in both Chinese and English), Cheung Kong Graduate School of Business (2004). [Teaching case on central warehouse for supply chain management at one of the largest home appliances retailer chains.]
- H. Chen and S. Wang, “TCL” (in both Chinese and English), Cheung Kong Graduate School of Business (2004). [Teaching case on supply chain management at one of the largest and most well-known home electronic producers in China.]
- H. Chen and S. Wang, “Hainan Airlines” (in Chinese), Cheung Kong Graduate School of Business (2004). [Teaching case on quality management.]
- H. Chen and S. Wang, “Sanlian Home Appliance in 2005” (in both Chinese and English), Cheung Kong Graduate School of Business (2005). [Teaching case on operations strategy and supply chain management.]
- H. Chen and S. Wang, “Midea REC, A” and “Midea REC, B” (in both Chinese and English), Cheung Kong Graduate School of Business (2005). [Teaching case on supply chain management at one of the largest producers of air conditioners.]
- H. Chen and L. Qin, “Showdown with Dell on channels” (in both Chinese and English), Cheung Kong Graduate School of Business (2005). [Teaching case on the competition between Lenovo and Dell in China through different operations and supply chain strategy.]
- H. Chen and S. Wang, “Tsingdao Beer” (in both Chinese and English), Cheung Kong Graduate School of Business (2005). [Teaching case on outsourcing third party logistics and forming joint venture.]
- H. Chen and L. Qin, “Digital China's risk management system” (in both Chinese and English), Cheung Kong Graduate School of Business (2005). [Teaching case on the risk management at an IT product distributor.]
- H. Chen and L. Qin, “Lenovo: Show Down with Dell” (in both Chinese and English), Cheung Kong Graduate School of Business (2005). [Teaching case on Lenovo, the largest PC producer in China.]
- H. Chen and S. Wang, “Supplier management at Li Ning” (in Chinese), 2006. [Teaching case on the supplier management.]
- H. Chen and L. Qin, “Li Ning: demand driven supply chain” (in both Chinese and English), 2006. [Teaching case on supply chain strategy and supplier management.]
- H. Chen and L. Qin, “YH Global Logistics” (in both Chinese and English), 2007. [Teaching case on the growth and operations of a third-party logistics company.]
- H. Chen and L. Qin, “Intel (China): Innovation Club” (in both Chinese and English), 2007. [Teaching case on how Intel (China) provides support to medium size computer manufacturers in the wake of the competition from AMD.]
- H. Chen, J.P. Chen, “Yin Innovates New Life” (衣得体), [Teaching case on the mass customization in the apparel industry.] Shanghai Advanced Institute of Finance, 2018.
- H. Chen, Y. Dai and X.Y. Gu, “KidsWant's ‘new retailer’ for mother and baby product” (孩子王的母婴‘新零售’) [Teaching case on O2O retailer], Case FDC-18009-1X-P-C, Management School, Fudan University, 2018.
- H. Chen, “Hynertech Inc. - Cost Analysis of LOHC” (氢阳能源 – 储油成本分析) [Teaching case on the basic process analysis and the operations strategy in a hydrogen energy setting], Shanghai Advanced Institute of Finance, 2020.

- H. Chen and W. Zhuang, “Smart health care - ‘Internet + medical health’ at Xiamen” (智慧健康 – 厦门 “互联网+医疗健康”), “2020 中国工商管理国际最佳案例奖”, First Price, 2021.

## RECENT PAPERS AND WORK IN PROGRESS

- H. Chen and M.Z. Frank, “Debt financing investment in the long run” (2021).
- H. Chen and M.Z. Frank, “Equilibrium defaultable corporate debt and investment”, *Operations Research* (2022, submitted).
- H. Chen, H. Cheng, and Q. Tu, “Energy consumption, carbon emission and cost analysis of various hydrogen storage technologies” (in progress)
- H. Chen and M.Z. Frank, “Measuring the interest elasticities of corporate deb and capital” (in progress)
- H. Chen and L. Han, “The impact of empty house tax” (in progress)
- X. Chao, H. Chen and S. Zheng, “Mitigating congestion in the public healthcare system through a public-private-partnership program” (in progress)
- 

## RECENT POLICY REPORTS AND ARTICLES

- H. Chen and Q.G. Zhu, “氢能发展的路径与建议”, Report (2020).
- H. Chen and Q.G. Zhu, “我国碳中和承诺下氢能发展的建议”, Report (2020).
- H. Chen and Q.G. Zhu, “当前电动车在全国的减排效果不够显著”, 澎湃新闻 (Nov 8, 2021)
- H. Chen and Q.G. Zhu, “储能是清洁能源发展最重要的瓶颈”, FT中文网 (Nov 17, 2021)
- H. Chen, Q.G. Zhu and T. Liang, “碳达峰目标下碳排放的影响因素分析与对策建议”, Report (2022)
- H. Chen, Q.G. Zhu and L.L. Zhao, “我国芯片产业发展的问题与对策建议”, Report (2022)