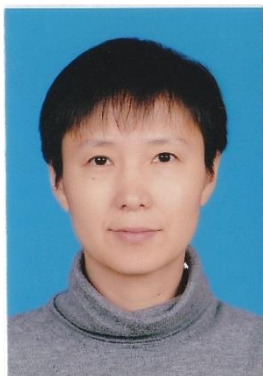


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教學領域： 營運優化，仿真建模，應用統計
研究領域： 仿真優化，醫療運營管理，全渠道
環境下現代消費者行為的分析模型
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學歷

2002 - 2006 美国亚利桑那州立大学工业工程系运筹学博士
1996 - 1999 厦门大学系统科学系统工程硕士
1992 - 1996 厦门大学系统科学系统工程學士

教學經驗

2013 – 目前 澳門科技大學決策科學系，副教授
2006 – 2013 澳門科技大學決策科學系，助理教授

學術成果

代表性期刊文章（學生用^s表示）：

Kuo, Y. H., Balasubramanian, H., & Chen, Y. (2019). Medical Appointment Overbooking and Optimal Scheduling Tradeoffs between Schedule Efficiency and Accessibility to Service. Flexible Services and Manufacturing Journal, 1-30. [SCI]

Chen, Y., Kuo, Y. H., Fan, P.^s, & Balasubramanian, H. (2018). Appointment overbooking with different time slot structures. Computers & Industrial Engineering, 124, 237-248. [SCI]

Shi, Y., Li, X., & Fan, P.^s (2016). Optimization of an M/M/∞ Queueing System with Free Experience Service. Asia-Pacific Journal of Operational Research, 33(06), 1650051. [SCI]

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Chen Y., Balasubramanian H., Kuo Y.H. “Appointment Overbooking and Scheduling: Tradeoffs between Schedule Efficiency and Timely Access to Service.” Health Care Systems Engineering, Springer Proceedings in Mathematics & Statistics, Vol. 201, pp 245–301, 2017.

學術會議論文:

Chen, X. L. Y. (2017, December). A multi-channel sale system under financially constraint. In Industrial Engineering and Engineering Management (IEEM), 2017 IEEE International Conference on (pp. 1980-1984). IEEE.

Fang, Y. ^s, Chen, Y., & Li, X. (2017, December). Joint decision making about price and duration of discount airfares. In Industrial Engineering and Engineering Management (IEEM), 2017 IEEE International Conference on (pp. 31-34). IEEE.

Zhang, J. J. ^s, Nie, T., Huang, J. Z. ^s, & Chen, Y. (2016, December). Joint financing strategy for a cash-constrained supply chain. In Industrial Engineering and Engineering Management (IEEM), 2016 IEEE International Conference on (pp. 764-768). IEEE.

Fan, P., Fan, D. ^s, Kuo, Y. H., & Chen, Y. (2016, December). Modeling and evaluation of overbooking rules for primary health care clinic with different patient behavior. In Industrial Engineering and Engineering Management (IEEM), 2016 IEEE International Conference on (pp. 861-865). IEEE.

Chen, Y., Kuo, Y. H., Balasubramanian, H., & Wen, C. ^s (2015, December). Using simulation to examine appointment overbooking schemes for a medical imaging center. In Proceedings of the 2015 Winter Simulation Conference (pp. 1307-1318). IEEE Press.

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- Chen Y. , Chow K.H. , and Nie T. (2012). The ways for improving the operations of hospital industry- The case in Macau. International Conference on Low-carbon Transportation and Logisticss, and Green Buildings, Beijing, China, 2012
- Chen Y., Fowler, J.W., Wu T., Callarman T., Ambrose E. and Hargaden V. (2006). An adaptive distributed simulation framework for a server fulfillment supply chain. The 2nd IEEE Conference on Automation Science and Engineering (CASE 2006), Shanghai, China, October, 2006

科研項目:

2018 – 2020	Service Operations Management with Bounded Rational Consumers under Sharing Economy
2014 – 2017	Simulation Optimization for Health-care Management: A Polyhedral Investigation

2013 – 2015	Travel Demand Survey of Residents in Public Housings
2010 - 2015	Annual survey on taxi service level and passenger satisfaction in Macau
2009 – 2011	Evaluate economic impacts of MICE(meetings, incentives, conventions and exhibitions) tourism on Macao
2009 – 2010	Evaluation of Socioeconomic Impacts of Macao LRT
2005 – 2006	Distributed Decision Support Framework for Adaptive Supply Chain
2004 - 2005	Dynamic Business Rules for Supply Chain Optimization
2003 – 2004	Scheduling of Semiconductor Wafer Fabrication Facilities