

Felix T. S. CHAN



Title : Vice Dean & Chair Professor

Faculty : School of Business

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Academic Qualification

1982-1986	Ph.D.: Imperial College of Science and Technology, University of London, UK; Flexible Manufacturing Systems;
1981-1982	Master: Imperial College of Science and Technology, University of London, UK; Advanced Applied Mechanics;
1979-1981	BS: Brighton University, UK; Mechanical Engineering.

Working Experience

2025-present	Vice Dean and Chair Professor / Macau University of Science and Technology
2022-2025	Vice Dean and Professor / Macau University of Science and Technology
2009-2022	Associate Professor/Professor/Associate Dean (Research)/ Associate Head / The Hong Kong Polytechnic University
1996-2009	Lecturer/Associate Professor / University of Hong Kong
1988-1996	Lecturer/Senior Lecturer / University of South Australia
1986-1988	Research Fellow / University of Strathclyde

Teaching Activities

Project Management
Operations Research
Production and Operations Management
Supply Chain Management

Research Areas

Optimisation
Scheduling
Decision Sciences
Logistics and Supply Chain Management

Journal Paper Publications in the Past 3 years (1/9/2022 – 31/8/2025)

- (1) Wu, S.M., *Chan, F.T.S. and Chung, S.H. (2022), The Influence of Positive and Negative Salvage Values on Supply Chain Financing Strategies, *Annals of Operations Research*, Vol. 315, pp. 535-563.
<https://doi.org/10.1007/s10479-022-04727-y>
- (2) Prajapati, D., *Chan, F.T.S., Daultani, Y. and Pratap, S. (2022), Sustainable Vehicle Routing of Agro-Food grains in the E-commerce industry, *International Journal of Production research*, Vol. 60, Issue 24, Dec., pp. 7319-7344.
<https://doi.org/10.1080/00207543.2022.2034192>
- (3) Huang, C., *Chan, F.T.S. and Chung, S.H. (2022), The Impact of Payment Term Extensions on the Working Capital Management of an Automotive Supply Chain, *International Journal of Production research*, Vol. 60, Issue 24, Dec., pp. 7360-7383.
<https://dx.doi.org/10.1080/00207543.2022.2065549>
- (4) Kushwaha, S., *Chan, F.T.S., Chakraborty, K. and Pratap, S. (2022), Collection and Remanufacturing Channels Selection under a Product Take-Back Regulation with Remanufacturing Target, *International Journal of Production research*, Vol. 60, Issue 24, Dec., pp. 7384-7410.
<https://dx.doi.org/10.1080/00207543.2022.2072786>
- (5) Goswami, M., Daultani, Y., *Chan, F.T.S. and Pratap, S. (2022), Assessing the Impact of Supplier Benchmarking in Manufacturing Value Chains: An Intelligent Decision Support System for Original Equipment Manufacturers, *International Journal of Production research*, Vol. 60, Issue 24, Dec., pp. 7411-7435.
<https://doi.org/10.1080/00207543.2022.2075811>
- (6) Eltoukhy, A.E.E., *Wang, Z.X., Shaban, I.A. and *Chan, F.T.S. (2022), Coordinating aircraft maintenance routing and integrated maintenance staffing and rostering: A Stackelberg game theoretical model, *International Journal of Production research*, Vol. 60, Issue 24, Dec., pp. 7450-7474.
<https://doi.org/10.1080/00207543.2022.2085634>
- (7) Dwivedi, A., Madaan, J., *Chan, F.T.S. and Dalal, M. (2023), A comparison study of GA and PSO approach for cost optimization in Product Recovery System, *International Journal of Production research*, Vol. 61, Issue 4, Feb., pp. 1283-1297.
<https://doi.org/10.1080/00207543.2022.2035008>

- (8) Orisaremi, K.K., *[Chan, F.T.S.](#), Chung, S.H. and Fu, X. (2022), A sustainable lean production framework based on inverse DEA for mitigating gas flaring, *Expert Systems With Applications*, November, Vol. 206, 117856.
<https://doi.org/10.1016/j.eswa.2022.117856>
- (9) Xu, X., Ji, P. and *[Chan, F.T.S.](#) (2022), On maximizing a loss-averse buyer's expected utility in a multi-sourcing problem, *Mathematics and Computers in Simulation*, December, Vol. 202, pp. 388-404.
<https://doi.org/10.1016/j.matcom.2022.05.034>
- (10) Liu, S., He, X.J., *[Chan, F.T.S.](#) and *Wang, Z. (2022), An Extended Multi-Criteria Group Decision-Making Method with Psychological Factors and Bidirectional Influence Relation for Emergency Medical Supplier Selection, *Expert Systems With Applications*, September, Vol. 202, 117414.
<https://doi.org/10.1016/j.eswa.2022.117414>
- (11) Patil, A., Madaan, J., *[Chan, F.T.S.](#) and Charan, P. (2022), Advancement of performance measurement system in the humanitarian supply chain, *Expert Systems With Applications*, November, Vol. 206, 15, 117844.
<https://doi.org/10.1016/j.eswa.2022.117844>
- (12) Kumar, A., *Misra, S.C. and *[Chan, F.T.S.](#) (2022), Leveraging AI for advanced analytics to forecast altered tourism industry parameters: A Covid - 19 motivated study, *Expert Systems With Applications*, December, Vol. 210, 118628.
<https://doi.org/10.1016/j.eswa.2022.118628>
- (13) Ding, K., Niu, Z., Hui, J., Zhou, X. and *[Chan, F.T.S.](#) (2022), A Weld Surface Defect Recognition Method based on Improved MobileNetV2 algorithm, *Mathematics*, Vol. 10, No. 19, 3678.
<https://doi.org/10.3390/math10193678>
- (14) Qu, S., Xu, L., Mangla, S.K., *[Chan, F.T.S.](#), Zhu, J. and Arisian S. (2022), Matchmaking in Reward-Based Crowdfunding Platforms: A Hybrid Machine Learning Approach, *International Journal of Production research*, December, Vol. 60, Issue 24, pp. 7551-7571.
<https://doi.org/10.1080/00207543.2022.2121870>
- (15) Li, J., Zhang, X., *Zhou, Q., *[Chan, F.T.S.](#) and Hu, Z. (2022), A feature-level multi-sensor fusion approach for in-situ quality monitoring of selective laser melting, *Journal of Manufacturing Process*, Vol. 84, December, pp. 913-926.
<https://doi.org/10.1016/j.jmapro.2022.10.050>
- (16) Shardeo, V., Madaan, J. and *[Chan, F.T.S.](#) (2022), An Empirical Analysis of Freight Mode Choice Factors amid the COVID-19 Outbreak, *Industrial Management and Data Systems*, Nov, Vol. 122, No. 12, pp. 2783-2805.
<https://doi.org/10.1108/IMDS-03-2022-0133>

- (17) Zhou, T., Zhang, L., Han, T., Droguett, E.L., Mosleh, A. and *Chan, F.T.S. (2023), An Uncertainty-Informed Framework for Trustworthy Fault Diagnosis in Safety-Critical Applications, *Reliability Engineering and System Safety*, January, Vol. 229, 108865.
<https://doi.org/10.1016/j.ress.2022.108865>
- (18) Kehinde, T.O., *Chan, F.T.S. and Chung, S.H. (2023), Scientometric review and analysis of recent approaches to stock market forecasting: Two decades survey, *Expert Systems With Applications*, March, Vol. 213, Part C, 119299.
<https://doi.org/10.1016/j.eswa.2022.119299>
- (19) Goswami, M., *Chan, F.T.S., Ramkumar, M., Daultani, Y., Pratap, S. and Chhabra, A. (2023), A joint modeling and exploratory framework for intra-firm collaboration within construction and mining equipment industry, *Industrial Management and Data Systems*, February, Vol. 123, No. 2, pp. 451-491.
<https://doi.org/10.1108/IMDS-06-2022-0372>
- (20) Orisaremi, K.K., *Chan, F.T.S., Chung, S.H. and Fu, X. (2023), Maximizing flare gas power generation for the design of an optimal energy mix, *Journal of Cleaner Production*, March, Vol. 391, 136164.
<https://doi.org/10.1016/j.jclepro.2023.136164>
- (21) Xu, X., Ji, P. and *Chan, F.T.S. (2023), Retailers' optimal ordering policies for a dual-sourcing procurement, *Industrial Management and Data Systems*, March, Vol. 123, No. 3, pp. 1052-1072.
<https://doi.org/10.1108/IMDS-07-2022-0458>
- (22) Zhang, Y., Zhang, D., *Zhang, X., Qiu, L., Chan, F.T.S., Wang, Z. and Zhang, S. (2023), Guided Probabilistic Reinforcement Learning for Sampling-Efficient Maintenance Scheduling of Multi-Component System, *Applied Mathematical Modelling*, July, Vol. 119, pp. 677-697.
<https://doi.org/10.1016/j.apm.2023.03.025>
- (23) Eltoukhy, A.E.E., *Hussein, M., Xu, M. and *Chan, F.T.S. (2023), Data-driven Game-theoretic Model Based on Blockchain for Managing Resource Allocation and Vehicle Routing in Modular Integrated Construction, *International Journal of Production research*, July, Vol. 61, No. 13, pp. 4472-4502.
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- (24) Zhang, Q., *Chan, F.T.S. and Fu, X. (2023), Improved ant colony optimization for the operational aircraft maintenance routing problem with cruise speed control, *Journal of Advanced Transportation*, Vol. 2023, 18 pages.
<https://doi.org/10.1155/2023/8390619>
- (25) Zhou J., Rao, S., *Gao, L., Zhang, C., Tang, H., Li, Y. and Chan, F.T.S., (2023) Solving many-task optimization problems via online intertask learning, *Expert Systems With Applications*, September, Vol. 225, 120110.
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- (26) *Chan, F.T.S. and Ding, K. (2023), Industrial Intelligence-driven Production and Operations Management, *International Journal of Production research*, July, Vol. 61, No. 13, pp. 4215–4219.
<https://doi.org/10.1080/00207543.2023.2207956>
- (27) Luo, G., *Liu, X. and *Chan, F.T.S. (2023), Optimal ordering decisions in portfolio procurement considering the spot price fluctuation, *Sustainability*, July, Vol. 15, No. 14, 11169.
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- (28) Zhang, J.H., *Chan, F.T.S. and *Xu, X. (2023), Data-driven analysis on optimal purchasing decisions in combined procurement, *International Journal of Production research*, July, Vol. 61, No. 13, pp. 4265-4278.
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- (29) Ng, K.K.H., *Chan, F.T.S., Qin, Y. and Xu, G. (2023), The Impacts of longitudinal separation, efficiency loss and cruise speed adjustment in robust terminal traffic flow problem under uncertainty, *Transportation Letters: The International Journal of Transportation Research*, July, Vol. 15, Issue 6, pp. 584-607.
<https://www.tandfonline.com/doi/full/10.1080/19427867.2022.2077004>
- (30) Irfan, I., Au, A.K.M., Khurshid, F. and *Chan, F.T.S. (2023), Learning by Supplying to Climb the Value Chain: Suppliers' Transition from B-to-B to B-to-C, *Supply Chain Management: An International Journal*, April, Vol. 28, N0. 4, pp. 641-665.
<https://doi.org/10.1108/SCM-12-2021-0551>
- (31) Qian, X., *Yin, M., *Chan, F.T.S. and Yue, K. (2023), Winner determination with sustainable-flexible considerations under demand uncertainty in transportation service procurement auctions, *Journal of Networks and Spatial Economics*, December, Vol. 23, pp. 953–984.
<https://doi.org/10.1007/s11067-023-09599-8>
- (32) Liu, Yongkui, Zheng, Yuangang, *Bo, Hongguang, Ding, Kai and Chan, F.T.S. (2023), Enterprises cooperation and government supervision strategies under the impact of COVID-19, *Computers & Industrial Engineering*, November, Vol. 185, 109694.
<https://doi.org/10.1016/j.cie.2023.109694>
- (33) Sumbal, M.S., Ahmed, W., Shahzeb, H. and *Chan, F.T.S., (2023), Sustainable technology strategies for transportation and Logistics Challenges: An implementation feasibility study, *Sustainability*, 15(21), 15224.
<https://doi.org/10.3390/su152115224>
- (34) Orisaremi, K.K., *Chan, F.T.S. and Fu, X. (2023), An improved inverse DEA for assessing economic growth and environmental sustainability in OPEC member nations, *Mathematics*, December, 11, 4861, pp. 1-19.
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- (35) Yiu, C.Y., Ng, K.K.H., *Chan, F.T.S. and Li, Q. (2023), Vaccines, associated risk and air transport industry post-COVID-19: A structural equation modelling-based empirical study in

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- (36) Kumar, R.R., *Chan, F.T.S., Chakraborty, A. and Goswami, M. (2024), Driving Electric Mobility Considering Manufacturers' Power Asymmetry in Presence of the Government's policy Instruments, *IEEE Transactions on Engineering management*, Vol. 71, pp. 9906 – 9919.
<https://doi.org/10.1109/TEM.2023.3290944>
- (37) Zhang, Q., *Chan, F.T.S., Chung, S.H. and Fu, X. (2024), Operational aircraft maintenance routing problem incorporating cruise speed control, *Engineering Optimization*, January, Vol. 56, No. 1, pp. 76-95.
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- (38) Zheng, K., *Ding, K., Hui, J., Zhang, F., Lv, J. and *Chan, F.T.S. (2024), Blockchain-based Credible Manufacturing Data Sharing for a Collaborative Manufacturing Supply Chain, *International Journal of Production research*, March, Vol. 62, No. 6, pp. 2233-2254.
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- (39) Kumar, G., *Chan, F.T.S. and Goswami, M. (2024), Market reactions to drugs price reduction during COVID-19 distress in an emerging economy: Value creation through CSR, *Industrial Management and Data Systems*, January, Vol. 124, No. 1, pp. 140-181.
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- (40) Chandra Dheeraj, Jain, V. and *Chan, F.T.S. (2024), An incentive mechanism contract model to coordinate a vaccine supply chain under demand uncertainty, *Industrial Management and Data Systems*, January, Vol. 124, No. 1, pp. 182-211.
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- (41) Narang, D., *Madaan, J., Chan, F.T.S. and Chungcharoen, E. (2024), Managing Open Loop Water Resource Value Chain through IoT focused Decision and Information Integration (DII) Modeling using Fuzzy MCDM Approach, *Journal of Environmental Management*, January, Vol. 350, 119609.
<https://doi.org/10.1016/j.jenvman.2023.119609>
- (42) Ruan, J., Mao, J., Liu, T., Svyatoslav, S., Sun, Z., Wang, B., Shi, Y., Chan, F.T.S. and Zhu, Y. (2024), Knowledge Bases, Cooperation Networks and Influential Contributions of Channel Modeling for Terahertz Communications, *IEEE Communications Magazine*, February, Vol. 12, No. 2, pp. 118-124.
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- (43) Chen, J., Tian, Y., Chan, F.T.S., *Tang, H.J. and Che, P.H. (2024), Pricing, Greening, and Recovery Decisions of Capital-constrained Closed-loop Supply Chain with Government Subsidies under Financing Strategies, *Journal of Cleaner Production*, January, Vol. 438. No. 20, 140797.
<https://doi.org/10.1016/j.jclepro.2024.140797>

- (44) Yaroson, E.V., Chowdhury, S., Mangla, S.K., Dey, P., *Chan, F.T.S. and Roux, M. (2024), A systematic literature review exploring and linking circular economy and sustainable development goals in the past three decades (1991-2022), *International Journal of Production research*, Feb, Vol. 62, No. 4, pp. 1399-1433.
<https://doi.org/10.1080/00207543.2023.2270586>
- (45) Sumbal, M.S., Agha, M., Nisar, A. and *Chan, F.T.S. (2024), Logistics Performance System and their impact on Economic Corridors: A developing economy perspective, *Industrial Management & Data Systems*, Feb., Vol. 124, No. 3, pp. 1005-1025.
<https://doi.org/10.1108/IMDS-03-2023-0151>
- (46) Zhang, Q., *Chan, F.T.S., Chung, S.H. and Fu, X. (2024), A matheuristic for aircraft maintenance routing problem incorporating cruise speed control, *Expert Systems With Applications*, May, Vol. 242, 122711.
<https://doi.org/10.1016/j.eswa.2023.122711>
- (47) Lu, Q., Gao, X. and *Chan, F.T.S. (2024), Low-carbon optimization design of grinding machine spindle based on improved whale algorithm, *Mathematics*, 12(1) , 69.
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- (48) Liu, Y., Zhang, X., Ding, K., Hui, J., Zhao, J. and *Chan, F.T.S. (2024), A machining error tracing method based on MEA-BP neural network for quality improvement of gear hubs, *International Journal of Computer Integrated Manufacturing*, July, Vol. 37, No. 7, pp. 852-865.
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- (49) Guo, L., Duan, Z., Guo, W., *Ding, K., Lee, C.H. and *Chan, F.T.S. (2024), Machine vision-based recognition of elastic abrasive tool wear and its influence on machining performance, *Journal of Intelligent Manufacturing*, Decmber, Vol. 35, pp. 4301-4216..
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- (50) Narang, D., Madaan, J., *Chan, F.T.S. and Charan, P. (2024), Evaluating Prioritization of Strategic Business Model for Efficient Wastewater Resource Management System, *Journal of Cleaner Production*, April, Vol. 449, 141271.
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- (51) Liu, S., Han, W., *Zhang, Z. and *Chan, F.T.S. (2024), An analysis of performance, pricing, and coordination in a supply chain with cloud services: The impact of data security, *Computers and Industrial Engineering*, June, Vol. 192, 110237.
<https://doi.org/10.1016/j.cie.2024.110237>
- (52) Li, Q., *Ng, K.K.H., Yu, S.C.M., Yiu, C.Y., Li, F. and Chan, F.T.S. (2024), Using EEG and eye-tracking as indicators to investigate situation awareness variation during flight monitoring in air traffic control system, *Journal of Navigation*, Vol. 77, Issue 4, pp. 485-506.
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- (53) Liu, Y., *Zhang, J.H. and *Chan, F.T.S. (2025), AI-enhanced Robust Method for Integrated Healthcare Resource Pre-positioning and Patient Scheduling, *International Journal of Production Research*, January, Vol. 63, No. 2, pp. 729-757.)
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- (54) Goswami, M., *Chan, F.T.S., Ramkumar, M., Daultani, Y., Rana, N.P. (2025), Multidimensional Typologies of Faulty Medical Device Events: Analysis, Risk Characterization, and Stakeholder Mapping, *International Journal of Production Research*, January, Vol. 63, No. 2, pp. 798-821.
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- (55) Wu, S.M., *Chan, F.T.S. and U, Tony Sio-Chong (2025), Enhancing Sustainability in Mass Customization of Consumer Electronics with Salvage Value through Supply Chain Financing, *International Journal of Logistics Research and Applications*, June, Vol. 28, Issue 6, pp. 655-675.
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- (56) Hui, J., Zheng, K., Ding, K., Zhou, X., *Lv, J. and *Chan, F.T.S. (2025), Automatic blockchain network configuration and optimization for credible and authorised data sharing in social manufacturing networks, *International Journal of Production Research*, July, Vol. 63, No. 14, pp. 5169-5189.
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- (58) Orisaremi, K.K., *Chan, F.T.S., Fu, X. and U, Tony Sio-Chong (2025), Optimal allocation of production quotas using an inverse DEA integrated with lean production capacity and negative data, *Expert Systems With Applications*, March, Vol. 263, 125745.
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- (59) Momeni, M.A., Mostofi, A., Jain, V. and *Chan, F.T.S. (2025), A novel multi-objective optimization model for designing a reverse supply chain network, *Journal of Cleaner Production*, March, Vol. 499, 14524
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- (60) Goswami, M., Ramkumar, M., Anthony, J., Jayaraman, R., Cudney, B. and *Chan, F.T.S. (2025), Exploring Impact of Production Volume and Product Quality on Manufacturers' Profitability: Analytical Modeling and Empirical Validation, *Industrial Management and Data Systems*, Feb., Vol. 125, No. 3, pp. 1190-1219.
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- (61) Zhou, G., Han, C., *Zhang, C., Zhou, Y., Zeng, K., Liu, J., Li, J., Ding, K. and Chan, F.T.S. (2025), Interpretable knowledge recommendation for intelligent process planning with graph

embedded deep reinforcement learning, *Advanced Engineering Informatics*, May, Vol. 65, 103321.

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- (62) Lizarelli, F.L., Antony, J., Suárez, M., Carneiro, F., Sony, M., *Chakraborty, A., Mag, J. and Chan, F.T.S. (2025), Analysis of the impact of Kaizen practices on ESG performance and the mediating role of digital systems, *Business Process Management Journal*, June, Vol. 31, No. 8, pp. 148-175.

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- (63) Yang, D., Hua, Y., Liu, S., *Zhang, Z., *Chan, F.T.S. and Wang, L. (2025), A blockchain-driven Pu-erh tea supply chain: Product pricing and coordination mechanism design, *Industrial Management & Data Systems*, June, Vol. 125, No. 7, pp. 2267-2297.

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- (64) Bui, T. D., Chan, F.T.S., Kumpimpa, T., Tan, K., Sethanan, K. and *Tseng, M.L., A supply chain finance risk management model for the electric vehicle supply chain: A data-driven analysis.

- *International Journal of Logistics Research and Applications*

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- (65) Bui, Tat-Dat, Chan, F.T.S., Do, Thi-Thuy-Trang, Nguyen, Thi-Ngoc-Linh, Lim, M.K. and *Tseng, Ming-Lang, Green supply chain finance model in the logistics and transportation industry: Improving policies, regulations and financial digitalization practices.

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- (66) Daultani, Y., Ghadge, A., Goswami, M., Ramkumar M. and *Chan, F.T.S., Tailored Conceptual Frameworks for Early Supplier Involvement in High-Value Product Development: A Case-based Approach.

- *IIM Kozhikode Society & Management Review*

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- *International Journal of Logistics: Research and Applications*

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- (68) Kang, K., *Tan, B.Q., *Chan, F.T.S. and Kong, X.T.R., Effect of Blockchain on Corporate Social Responsibility in Supply Chain Management.

- *International Journal of Production Research*

<https://doi.org/10.1080/00207543.2025.2476007>

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- (69) Gaur, G.K., *Madaan, J., *Chan, F.T.S. and Chungcharoen, E., Critical Success Factors for Improving Economic and Environmental Performance of Packaging Supply Chain System.

- *Flexible services and Manufacturing Journal*

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- (70) Sumbal, M.S., Amber, Q., Hashmi, F.A., *Chan, F.T.S., Tariq, A. and Nauman, S., Digitalization Trends and Industry 4.0: Ensuring Knowledge Workers' Sustainable Productivity and Innovative Capability.

- *Flexible services and Manufacturing Journal-*

<https://doi.org/10.1007/s10696-025-09613-w>

Published online: 9/5/2025

Other Professional Activities

Chief Editor/Senior Associate Editor/Associate Editor for international journals:

- (1) Editor-in-Chief, *Transportation Management*.
- (2) Editor-in-Chief, *Journal of Business and Management Theory and Practice*.
- (3) Editor-in-Chief, *Global Journal of Industrial Management*.
- (4) Senior Associate Editor, *OPSEARCH*.
- (5) Associate Editor, *International Journal of Modelling in Operations Management*.
- (6) Associate Editor, *Modern Supply Chain Research and Applications*.
- (7) Associate Editor, *Operations and Supply Chain Management: An International Journal*.

Guest Editor for international journals including:

International Journal of Production Research; Mathematics; Journal of Manufacturing Technology Management; International Journal of Business Performance Management; International Journal of Intelligent Systems Technologies and Applications; International Journal of Computer Applications in Technology; International Journal of Value Chain Management; Mathematical Problems in Engineering; Proceedings of Institute of Mechanical Engineering- Part O: Journal of Risk and Reliability.

Member of Editorial Board of international journals including:

International Journal of Production Research; Supply Chain Management: An International Journal; Journal of Intelligent Manufacturing; Journal of Manufacturing Technology Management; International Journal of Computer Integrated Manufacturing; Robotics and Computer Integrated Manufacturing; International Journal of Advanced Manufacturing Technology; International Journal of Business Performance Management; International Journal

of Computer Applications in Technology; International Journal of Agile Systems and Management; International Journal of Services, Economics and Management; International Journal of Supply Chain and Operations Resilience; Advances in Industrial Engineering and Management.

Keynote Speech/ Chairman/Member of International Conferences:

- Prof. Chan has been frequently invited to give keynote speech in various international conferences, about 20 times.
- He is also very active in organizing international conferences and taking key roles including Conference Chairman; Program Chairman, about 16 times.
- He has been involved in organizing conferences as a member, more than 60 times.

Invited Reviewer for Research Funding Bodies:

- (1) Member of the Engineering Panel (Joint Research Schemes) of the Research Grants Council (RGC), Hong Kong (1 March 2018 – present).
- (2) Member of Assessment Panel of NSFC/RGC Joint Research Scheme (1 March 2018 – present).
- (3) Member (Engineering) on the Assessment Panel for Competitive Research Funding Schemes for the Local Self-financing Degree Sector of the Research Grants Council (RGC), Hong Kong (14/3/2017 – present).
- (4) Member of Assessment Panel of ITF Entrepreneurs Fund.

Honors/Awards

Top 2% Scientists

Based on the recent compilations from a research group of Stanford about the impact of scientists, Prof. Felix Chan is categorized as **Top 2% Scientists** for FIVE consecutive years (2020-2024).

Significant Contribution to Business & Management; Engineering & Technology, under Research.com in Year 2025 (<https://research.com/u/felix-ts-chan>)

Based on the well-known academic website, Research.com (2025), Prof. Chan has been positioned at the world ranking of 65 and 134 under the categories of “Business & Management” and “Engineering & Technology”, respectively. The corresponding National Rankings are 5 and 16.

Significant Contribution to OPERATIONS RESEARCH

Based on the compilation (2020) from a research group of Stanford about the impact of scientists (top 2% listed). The work is published in <https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918>.

Prof. Felix Chan is categorized in the field of Operations Research, ranked 10 out of 23455 researchers worldwide, i.e. Top 0.04% worldwide.

Furthermore, based on the recent compilation (2021) from a research group of Stanford about the impact of scientists (top 2% listed), Baas, Jeroen; Boyack, Kevin; Ioannidis, John P.A. (2021), "August 2021 data-update for "Updated science-wide author databases of standardized citation indicators"", Mendeley Data, V3, doi: 10.17632/btchxktzyw.3, Prof. Felix Chan is categorized in the field of Operations Research, ranked 10 out of 26063 researchers worldwide, i.e. Top 0.04% worldwide, for TWO consecutive years (2020 and 2021).

Significant Contribution to SUPPLY CHAIN MANAGEMENT RESEARCH

Based on the *paper published in 2018 at International Journal of Production Economics (IJPE) by Babbar, S., Behara, R.S., Koufteros, X.A. and Wong, C.W.Y., "Charting leadership in SCM research from Asia and Europe", *International Journal of Production Economics* (2018).

Prof. Felix Chan ranked among the Top 25 based on total publication score:

- Top 25 SCM authors of Asia by publication score over the 15-year period of 2001-2015. (Prof. Felix Chan Ranks **No. 16**)
- Top 25 SCM authors of Asia by total degree centrality over the 15-year period of 2001-2015. (Prof. Felix Chan Ranks **No. 5**)
- Top 25 SCM authors of Asia by Bonacich power centrality over the 15-year period of 2001-2015. (Prof. Felix Chan Ranks **No. 6**)

[*https://doi.org/10.1016/j.ijpe.2018.07.005](https://doi.org/10.1016/j.ijpe.2018.07.005)

Significant Contribution to OPERATIONS MANAGEMENT RESEARCH

Based on the **paper published in 2013 at International Journal of Production Research (IJPR) by Timothy D. Fry, Joan M. Donohue, Brooke A. Saladin and Guangzhi Shang, "The origins of research and patterns of authorship in the International Journal of Production Research", Prof. Chan Ranked **No. 2** in The top 100 authors by **author articles and full articles (1985–2010)**. Furthermore, Prof. Chan was ranked **1st** during the period **2006–2010**. This breakdown of results helps to identify those authors who had a significant impact on shaping IJPR in the past as well as identifying those authors who can be expected to shape IJPR into the future.

[**http://dx.doi.org/10.1080/00207543.2013.832436](http://dx.doi.org/10.1080/00207543.2013.832436)

- According to a study lately published in the International Journal of Production Research***, PolyU ranks 12th in the world and 2nd in Asia among worldwide institutions

in research productivity and contribution. The study measured the research contributions over a 26-year time frame (1985–2010) of academic institutions and individual authors to the field of Operations Management (OM) based on published articles in 11 top-rated and well-known academic OM journals. Prof. Chan was among the top 50 prolific authors list who have made **the greatest overall contribution** to the field as measured by the number of distributed and shared articles published in the 11 designated journals. Prof. Chan (**15th/49th**) at Department of Industrial and Systems Engineering.

Also, Prof. Chan was Ranked **No. 3** in The top 100 authors as the **most productive researchers** in the field of Operations Management over the past 10 years (**2001–2010**).

***<http://dx.doi.org/10.1080/00207543.2015.1037935>