

陳東榮



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教育背景

1982-1986	博士：英國倫敦大學帝國理工學院，柔性製造系統
1981-1982	碩士：英國倫敦大學帝國理工學院，高等應用力學
1979-1981	學士：英國布萊頓大學，機械工程

Working Experience

2025-present	副院長及講座教授，商學院，澳門科技大學
2022-2025	副院長及教授，商學院，澳門科技大學
2009-2022	副教授/教授/副院長（科研）/副系主任/ 香港理工大學工業及系統工程學系
1996-2009	講師/副教授/ 香港大學工業及製造系統工程學系
1988-1996	講師/資深講師/ 南澳大學（澳洲）製造及機械工程學院
1986-1988	研究員，思克萊德大學（英國）設計，製造及工程管理系

教學活動

專案管理
運籌學
生產與運營管理
供應鏈管理

研究領域

優化
調度運籌
決策科學
物流與供應鏈管理

學術期刊論文 (1/9/2022 – 31/8/2025) 最近 3 年

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- (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.
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- (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.
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- (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.
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- (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.
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- (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.
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- (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.
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- (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.
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其他專業資格 / 獎項 / 活動

國際雜誌主編/高級副主編/副主編:

- (1) 《Transportation Management》主編
- (2) 《Journal of Business and Management Theory and Practice》主編
- (3) 《Global Journal of Industrial Management》主編
- (4) 《OPSEARCH》高級副主編
- (5) 《International Journal of Modelling in Operations Management》副主編
- (6) 《Modern Supply Chain Research and Applications》副主編
- (7) 《Operations and Supply Chain Management: An International Journal》副主編

國際雜誌客座主編:

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.

國際雜誌成員:

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.

國際會議主講人/主席/成員：

- 陳東榮教授經常被邀請作為國際會議的主旨演講，約 20 多次
- 他亦活躍於組織國際會議及接受重要角色包括會議主席；程式主席，約 16 多次
- 他亦作為其他國際會議的組織成員，約 60 多次

研究基金的評估小組成員：

- (1) 香港-大學教育資助委員會-研究資助局-**工程委員會**（聯合研究計畫）成員（2018 年 3 月 1 日至今）
- (2) 國家自然科學基金委員會、香港-大學教育資助委員會-研究資助局聯合研究計畫**評估小組成員**（2018 年 3 月 1 日至今）
- (3) 香港-大學教育資助委員會-研究資助局-本地自資學位界別競逐研究資助計畫**評審委員會會員**（工程）（2017 年 3 月 14 日至今）
- (4) 香港 ITF 企業家基金**評估小組成員**

其他專業資格

排名前 2% 科學家

根據斯坦福大學某研究小組關於最新科學家影響的彙編（排名前 2%），陳東榮教授分類為連續五年（2020-2024）排名前 2% 科學家。

「商業及管理」與「工程及技術」研究領域重大貢獻

根據知名學術網站 Research.com 數據，於 Research.com 2025 (<https://research.com/u/felix-ts-chan>) 年度評選中，陳東榮教授分別於「商業及管理」與「工程及技術」研究領域榮獲：

- 全球排名：第 65 位及第 134 位；
- 本國排名：第 5 位及第 16 位。

運籌學研究領域重大貢獻

根據斯坦福大學某研究小組關於最新科學家影響的彙編（2020 年）（排名前 2%），該工作發表在以下網站：

<https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918>，陳東榮教授在全球運籌學領域中的 23455 名科學家中排名第 10，即全球 Top 0.04%。

此外，在斯坦福大學學著對Top2%科學家的最新一文：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)中發現，陳東燊教授再次歸入該領域，並**連續兩年**（2020年和2021年）在全球26063 名研究人員中排名第10，即全球前0.04%。

供應鏈管理研究領域的重大貢獻

*根據2018 年《International Journal of Production Economics》中的文章： 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).

按照總出版分數陳東燊教授位元列前25 位：

- 2001-2015 年，按出版分數排名亞洲前25 位供應鏈管理的作者，陳東燊教授排名第16 位；
- 2001-2015 年，按總中心度排名亞洲前25 位供應鏈管理的作者，陳東燊教授排名第5 位；
- 2001-2015 年，按Bonacich 中心排名亞洲前25 位供應鏈管理的作者，陳東燊教授排名第6 位。

*<https://doi.org/10.1016/j.ijpe.2018.07.005>

營運管理研究領域的重大貢獻

**根據2013 年《International Journal of Production Research》中的文章: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”，陳東燊教授在1985-2010 年，按照文章排名的前100 名作者中位列 第2 位。此外，在2006-2010 年中，陳教授排名第1 位。這一分類結果有助於確定過去對《International Journal of Production Research》有重大影響的作者，以及有望在未來對《International Journal of Production Research》產生影響的作者。

**<http://dx.doi.org/10.1080/00207543.2013.832436>

***根據最新發表在《International Journal of Production Research》中的一項研究，香港理工大學在全球研究貢獻方面排名世界第12 位，亞洲第2 位。這項研究基於11 個世界頂尖的營運管理期刊上發表文章的數量，衡量了學術機構和個人在26 年（1985-2010）內對運營管理領域的研究貢獻。根據在11 個指定期刊上發表論文的數量衡量，陳東燊教授在對該領域做出重大貢獻的前50 位作者中排名第15 位。

此外，陳東燊教授過去的10 年（2001-2010）在運營管理領域中，在最具生產力的前100 名研究人員中排名第3 位。

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