

# Xiaodong WANG (Frank)



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**Department:** Decision Sciences

## Academic Qualification

|           |                                                                                                    |
|-----------|----------------------------------------------------------------------------------------------------|
| 2020-2025 | Ph.D. in Business: Singapore Management University, Operations Management                          |
| 2017-2020 | Master in Management: Tongji University, Management Science and Engineering                        |
| 2013-2017 | Bachelor in Management: Nanjing University of Aeronautics and Astronautics, Industrial Engineering |

## Working Experience

|              |                                                                                       |
|--------------|---------------------------------------------------------------------------------------|
| 2026-Present | Assistant Professor<br>School of Business, Macau University of Science and Technology |
| 2025-2026    | Post-doc Research Fellow<br>Singapore Management University                           |

## Teaching Activities

Undergraduate level:

BBAZ16011 Business Statistics

Master level:

MBBE04 Supply Chain Management

## Research Areas

Healthcare Operations Management, Public Health, Business Intelligence & Data Analytics, Applied Artificial Intelligence, Platform Operations, Supply Chain Management

## Selected Publications

1. Wang, S., Wang, X., Chu, F., & Yu, J. (2020). An energy-efficient two-stage hybrid flow shop scheduling problem in a glass production. *International Journal of Production Research*, 58(8), 2283-2314.
2. Wang, S., Wang, X.\*, & Yu, L. (2020). Two-stage no-wait hybrid flow-shop scheduling with sequence-dependent setup times. *International Journal of Systems Science: Operations & Logistics*, 7(3), 291-307.
3. Wang, S., Wang, X., Yu, J., Ma, S., & Liu, M. (2018). Bi-objective identical parallel machine scheduling to minimize total energy consumption and makespan. *Journal of Cleaner Production*, 193, 424-440.

### Working papers (selected)

1. Wang, X., Zhu, Y., Gao S.Y., Zheng Z., & Lam S.W. Does information type matter in promoting cancer screening? Evidence from a randomized controlled trial, under revision at *Production and Operations Management*, available at [SSRN](#).
2. Yang W., Wei J.J., Wang, X.\* When ratings compete: Revisiting the role of product reviews in differentiated markets, under revision at *Omega–The International Journal of Management Science*, available at [here](#).
3. Wang, X., Wei J., Gong, X. Mental-cardiometabolic multimorbidity and cancer incidence among Chinese adults: A prospective cohort study from the China Kadoorie Biobank.

## Other Professional Activities

Academic Referee:

International Journal of Production Research

IEEE Transactions on Aerospace and Electronic Systems

Computers & Industrial Engineering

## Honors/Awards

|            |                                                  |
|------------|--------------------------------------------------|
| 2023-2024  | Interdisciplinary Doctoral Fellowship at SMU     |
| 2020-2024  | Ministry of Education Full Doctoral Scholarship  |
| 2020       | Excellent Graduates of Shanghai                  |
| 2020       | Outstanding Master's Thesis at Tongji University |
| 2019, 2018 | China National Graduate Scholarship              |