

Zhi CHEN

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RESEARCH INTERESTS

New Product Development; Innovation Sourcing; Economics of AI; Wisdom of Crowds

EMPLOYMENT

2020 - **Assistant Professor, Department of Analytics and Operations
NUS Business School, National University of Singapore**

EDUCATION

2020 **INSEAD, Fontainebleau, France & Singapore
Ph.D. in Management (Decision Sciences)**

2013 **National University of Singapore, Singapore
B.E. (1st Class Hons), Industrial and Systems Engineering**

- Overseas exchange at Industrial and Systems Engineering (ISyE), Georgia Institute of Technology, Spring 2012.
- Research internship at École Polytechnique, Palaiseau, France, May-Aug 2012.

RESEARCH

Refereed Publications

- [1] Gaba, A., D. G. Popescu, and Z. Chen. 2019. "Assessing Uncertainty from Point Forecasts." *Management Science*. 65(2), 90-106.
- [2] Chen, Z., J. Mihm, J. Schlapp. 2022, Sourcing Innovation: Integrated System or Individual Components?, *Manufacturing & Service Operations Management*, 24(2), 1056–1073.
- [3] Makridakis, S., E. Spiliotis, V. Assimakopoulos, Z. Chen, A. Gaba, I. Tsetlin, and R. L. Winkler. 2022, The M5 Uncertainty competition: Results, Findings and Conclusions. *International Journal of Forecasting*, 38(4), 1365-1385.
- [4] Chen, Z., A. Gaba, I. Tsetlin, and R. L. Winkler. 2022, Evaluating Quantile Forecasts in the M5 Uncertainty Competition, *International Journal of Forecasting*, 38(4), 1531-1545.

Working Papers

- [5] Chen, Z., J. Mihm, J. Schlapp. 2023, Sourcing Innovation: When to Own and When to Control Your Supplier?, *Working Paper*.
- [6] Chen, Z., and J. Keppo. 2023, R&D Data Sharing in New Product Development, *Working Paper*.
- [7] Chen, Z., and W. Xue. 2023, Learning By Failing: The (Unintended) Consequence of Test Reporting on Autonomous Vehicle Training, *Working Paper*.
- [8] Chen, Z., and L. Zhao. 2024, Constructing Quantiles via Forecast Errors: A Bias-Variance Framework, *Working Paper*.

TEACHING EXPERIENCE

2021-23 **NUS Business School, National University of Singapore, Singapore**

- BMA5017 Managerial Operations and Analytics (MBA Core Course)
- DA01704 Decision Analytics Using Spreadsheets (Undergraduate Core Course)

2016-20 **INSEAD, Singapore**

- Uncertainty, Data and Judgment (MBA Core Course) Tutorials
- Production and Operations Management (MBA Core Course) Tutorials

AWARDS AND HONORS

- 2023 Best MBA Teaching Award (Core) for Academic Year 2022/2023
- 2021 Finalists for the 2021 TIMES (Technology, Innovation Management and Entrepreneurship Section under INFORMS) Doctoral Dissertation Award.
- 2020 POMS HK Best Student Paper Competition Honorable Mention.
- 2016-19 INSEAD Best Tutor Award for MBA Teaching (three times).
- 2014-19 INSEAD Doctoral Fellowship.
- 2012 École Polytechnique Research Fellowship.
- 2009-13 Dean's List, Faculty of Engineering, National of Singapore (three times).
- 2008-13 Singapore Ministry of Education Scholarship.

CONFERENCE PRESENTATIONS

- 2023 POMS-HK International Conference (Hong Kong); POMS Annual Meeting (Orlando, FL), INFORMS Annual Meeting (Phoenix, AZ).
- 2022 POMS Annual Meeting (Virtual); INFORMS Annual Meeting (Indianapolis, IN).
- 2021 POMS Annual Meeting (Virtual); MSOM Conference (Virtual); INFORMS Annual Meeting (Virtual)
- 2020 POMS-HK International Conference (Hong Kong); INFORMS Annual Meeting (Virtual).
- 2019 POMS-HK International Conference (Hong Kong); MSOM Conference (Singapore); POMS Annual Meeting (Washington, DC); INFORMS Annual Meeting (Seattle, WA).
- 2018 POMS Annual Meeting (Houston, TX); INFORMS International Conference (Taipei); INSEAD PhD Opening Ceremony (Singapore); Wharton PhD Consortium (Fontainebleau); INFORMS Annual Meeting (Phoenix, AZ).
- 2017 INFORMS Annual Meeting (Houston, TX).
- 2016 INFORMS Annual Meeting (Nashville, TN); INSEAD-Wharton PhD Consortium (Singapore).

INVITED TALKS

Singapore Management University, Accounting and Economics Society Asia-Pacific Webinar, Global Seminar on Contests & Conflict, Hong Kong Polytechnic University, National University of Singapore, Nanyang Technological University, University of Hong Kong, University of Connecticut, University of Colorado Boulder

SERVICE

External

Ad-hoc Reviewer for Management Science, Manufacturing & Service Operations Management, Production and Operations Management, Naval Logistics Research, Decision, Technovation, International Journal of Forecasting, Annals of Operations Research.

Internal

DAO Internal Seminar Coordinator, DAO-IORA Seminar Coordinator, PhD Supervisor for Zhuang Linsheng (Co-supervised with Jussi Keppo), Faculty Search Committee (2023), DAO PhD Admission Committee (2021,2023,2024), Summer Paper Reader (Ke Nan, Wu Meixi, IORA; Deng Wanjiang, Marketing), Dissertation Defense Proposal Committee (Yuchen Liang, IORA; Zhaoyan Liu, DAO)