

YUNKE LI

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UNIVERSITY OF MIAMI, CORAL GABLES, FL 33146, USA

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EDUCATION

University of Miami, USA 2018 - Present
Ph.D. in Operations Management (*expected in May. 2023*)

Tohoku University, Japan 2016 - 2018
M.S. in Mathematics, Mathematical Institute

Zhejiang University, China 2012 - 2016
B.S. in Applied Mathematics, Chu Kochen Honors College

RESEARCH INTERESTS

Methodologies:

- Optimization, Stochastic models

Applications:

- Pricing and Revenue Management
- Inventory and Capacity Planning

RESEARCH ACTIVITIES

Publications

- Akçay, Y., Li, Y., & Natarajan, H. P*. (2020). Category Inventory Planning with Service Level Requirements and Dynamic Substitutions. *Production and Operations Management*, 29 (11), 2553-2578
- Li, Y., & Takeda, M*. (2019). Feynman–Kac Penalizations of Rotationally Symmetric α -Stable Processes. *Statistics & Probability Letters*, 148, 82-87.

Working Papers

- Event Ticket Pricing with Capacity Constraints and Price Restrictions, (with H.P. Natarajan, X. Geng). Target Journal: M&SOM/OR.
- Dynamic Award Pricing and Capacity Plan for Hotel Industry, (with H.P. Natarajan, N. Yang).

Conference Presentations

Event Ticket Pricing with Capacity Constraints and Price Restrictions.

- POMS Annual Conference, April 2022.
- INFORMS 2022 Annual Meeting, Indianapolis, 2022

TEACHING EXPERIENCE

University of Miami, USA 2023 spring (Scheduled)
Instructor, Miami Herbert Business School
Operations Management (MGT 303) - Undergraduate

University of Miami, USA 2022 spring
Instructor, Miami Herbert Business School
Operations Management (MGT 303) - Undergraduate

Tohoku University, Japan 2017 to 2018
Teaching Assistant, Mathematical Institute
Calculus B, Probability & Statistics - Undergraduate

HONORS AND AWARDS

Outstanding Ph.D. Student Award, University of Miami 2021
University of Miami Fellowship, University of Miami 2018 – Present
Japanese Government Scholarship, Tohoku University 2016 – 2018

PROFESSIONAL SERVICES

Session Co-Chair, POMS 2022 Annual Conference, Online, 2022
Session Chair, INFORMS 2022 Annual Meeting, Indianapolis, 2022

SKILLS

Proficiency: R, Matlab, SPSS
Language: Mandarin Chinese, English

REFERENCES

Dr. Harihara Prasad Natarajan (Advisor)

Vice Dean, Business Programs,
Professor of Management,
Miami Herbert Business School
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Dr. Nan Yang

Leslie O. Barnes Professor of Management
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Dr. Xin Geng (Advisor)

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