

Yi-Chun Chen

yi-chun.chen@anderson.ucla.edu | <http://yi-chun-chen.github.io>

EMPLOYMENT

- University College London (UCL) School of Management** Starting in Aug. 2023
Assistant Professor (tenure track) of Operations and Technology
- University of California, Los Angeles (UCLA)** July 2022 - June 2023
Postdoctoral Fellow at the Anderson School of Management (mentor: Felipe Caro)

EDUCATION

- UCLA Anderson School of Management** Sep. 2017 – June 2022
Ph.D. in Management (Decisions, Operations and Technology Management)
Thesis Committee: Velibor Mišić (advisor), Felipe Caro, Charles Corbett, Kumar Rajaram, Christopher Tang
- Stanford University** Sep. 2014 – May 2017
M.S. in Computational and Mathematical Engineering
- National Taiwan University** Sep. 2009 – June 2013
B.S. in Physics (Presidential Awards)

PUBLICATIONS

- A Nonparametric Stochastic Set Model: Identification, Optimization, and Prediction (2023)**,
Yi-Chun Chen, Dmitry Mitrofanov
- Assortment Optimization Under The Decision Forest Model (2021)**,
Yi-Chun Chen, Velibor Mišić
- Column-Randomized Linear Programs: Performance Guarantees and Applications (2020)**,
Yi-Chun Chen, Velibor Mišić
Minor revision in *Operations Research*.
- Decision Forest: A Nonparametric Approach to Modeling Irrational Choice (2022)**,
Yi-Chun Chen, Velibor Mišić,
Management Science, 68 (10): 7065-7791.
- Honorable Mention, 2020 INFORMS **George E. Nicholson Student Paper Prize**.
 - Winner, 2019 INFORMS **Decision Analysis Society Student Paper Competition**.
 - 2nd Place, 2019 INFORMS **Revenue Management and Pricing Section Student Paper Competition**.
 - Finalist, 2019 INFORMS **Service Science Section Best Paper Competition**.
 - **Spotlight Presentation**, 2019 INFORMS Revenue Management and Pricing Conference, Stanford, CA.
- Learning Discrete Bayesian Networks from Continuous Data (2017)**,
Yi-Chun Chen, Tim Wheeler, Mykel Kochenderfer,
Journal of Artificial Intelligence Research, 59: 103-132.
- Deep Reinforcement Learning for Event-Driven Multi-Agent Decision Processes (2017)**,
Kunal Menda, Yi-Chun Chen, Justin Grana, James Bono, Brendan Tracey, Mykel Kochenderfer, David Wolpert,
IEEE Transactions on Intelligent Transportation Systems, 20(4): 1259-1268.
- Improving Offline Value-Function Approximations for POMDPs by Reducing Discount Factors**,
Yi-Chun Chen, Mykel Kochenderfer, Matthijs Spaan,
IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), 2018.

TEACHING

UCLA Anderson School of Management

Teaching Assistantship

- MGMT402: Data and Decisions Fall 2018, Fall 2020
- MGMT410: Logistics and Operations Management Fall 2019
- MGMT240F: Global Supply Chain Management Spring 2022
- MSA408: Operations Analytics Spring 2020
- MSA434: Advanced Workshop on Machine Learning Fall 2020
- MSA435: Data Visualization Fall 2020
- MSA407,413: Data Analytics Industry Seminar Winter 2022, Spring 2022
- MGMTPHD 242: Foundations of Stochastic Modeling Spring 2021

AWARDS AND HONORS

- Dreze Dissertation Award, UCLA Anderson School of Management. 2022
- Dissertation Year Fellowship, UCLA. 2021
- Honorable Mention, INFORMS George E. Nicholson Student Paper Prize. 2020
- Winner, INFORMS Decision Analysis Student Paper Competition. 2019
- Second Place, INFORMS Revenue Management and Pricing Student Paper Competition. 2019
- Finalist, INFORMS Service Science Best Paper Competition. 2019
- Spotlight Presentation, INFORMS Revenue Management and Pricing Conference. 2019
- Four-year Ph.D. Fellowship, UCLA Anderson School of Management. 2017
- Presidential Awards, National Taiwan University. 2012, 2013

PRESENTATIONS

“Assortment Optimization Under the Decision Forest Model”

- INFORMS Annual Conference, Indianapolis, IN, Oct. 2022.
- INFORMS Revenue Management and Pricing Conference, Online, June 2021.
- MSOM Annual Conference, Online, June 2021.

“Column-Randomized Linear Programs: Performance Guarantees and Applications”

- INFORMS Optimization Conference, Greenville, SC, March 2022.
- INFORMS Annual Conference, Online, Nov. 2020.

“Decision Forest: A Nonparametric Approach to Modeling Irrational Choice”

- INFORMS Annual Conference, Anaheim, CA, Nov. 2021.
- INFORMS Annual Conference, Online, Nov. 2020.
- INFORMS Annual Conference, Seattle, WA, Oct. 2019.
- INFORMS Revenue Management and Pricing Conference, Stanford, CA, June 2019.
- SoCal OR/OM Day, Irvine, CA, May 2019.
- POMS Annual Conference, Washington D.C., May 2019.
- INFORMS Annual Conference, Phoenix, AZ, Nov. 2018.

PROFESSIONAL ACTIVITIES

Ad-hoc journal referee for *Operations Research*, *Manufacturing & Service Operations Management*, *Production and Operations Management*, *Computational Management Science*.