

EMPLOYMENT

University College London (UCL) School of Management Assistant Professor of Operations and Technology	Aug 2023 – Present
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EDUCATION

UCLA Anderson School of Management Ph.D. in Management (advisor: Velibor Mišić) and Postdoctoral Fellow (mentor: Felipe Caro)	Sep 2017 – Jun 2023
Stanford University M.S. in Computational and Mathematical Engineering (advisor: Mykel Kochenderfer)	Sep 2014 – Apr 2017
National Taiwan University B.S. in Physics	Sep 2009 – Jun 2013

PUBLICATIONS

WORKING PAPERS

- [1] “Assortment Optimization Under The Decision Forest Model”
with Velibor Mišić
Minor revision in **Manufacturing & Service Operations Management**

REFEREED JOURNAL PAPERS

- [6] “Consider or Choose? The Role and Power of Consideration Sets”

with Dmitry Mitrofanov

Management Science (forthcoming)

– Finalist, Service Science Best Cluster Paper Competition, INFORMS, 2024.

- [5] “On Size Substitution and Its Role in Assortment and Inventory Planning”

with Felipe Caro

Manufacturing & Service Operations Management (forthcoming)

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

with Velibor Mišić

Operations Research (2025), 73(3): 1366-1383.

- [3] “Decision Forest: A Nonparametric Approach to Modeling Irrational Choice”

with Velibor Mišić

Management Science (2022), 68(10): 7090-7111

– Honorable Mention, George E. Nicholson Student Paper Prize, INFORMS, 2020.

– Winner, Decision Analysis Society Student Paper Competition, INFORMS, 2019.

– 2nd Place, Revenue Management and Pricing Student Paper Competition, INFORMS, 2019.

– Finalist, Service Science Section Best Paper Competition, INFORMS, 2019.

– Spotlight Presentation, INFORMS Revenue Management and Pricing Conference, 2019.

- [2] “Deep Reinforcement Learning for Event-Driven Multi-Agent Decision Processes”

with Kunal Menda, Justin Grana, James Bono, Brendan Tracey, Mykel Kochenderfer, and David Wolpert

IEEE Transactions on Intelligent Transportation Systems (2019), 20(4): 1259-1268

- [1] “Learning Discrete Bayesian Networks from Continuous Data”

with Tim Wheeler and Mykel Kochenderfer

Journal of Artificial Intelligence Research (2017), 59: 103-132.

REFEREED CONFERENCE PAPERS

- [1] “*Improving Offline Value-Function Approximations for POMDPs by Reducing Discount Factors*”
with Mykel Kochenderfer and Matthijs Spaan
IEEE/RSJ International Conference on Intelligent Robots and Systems (2018)

OTHER PUBLICATIONS

- [1] “*Clustering Our Challenger Tour*”
with Onesun Steve Yoo and Association of Tennis Professionals (ATP)
ATP 2023 Sustainability Report (2024), Page 22

TEACHING

UCL School of Management

- Decision Science, BSc in Management Science. 2026
Statistics for Business Research, MSc in Management. 2023, 2024

AWARDS AND HONORS

- Finalist, INFORMS Service Science Best Cluster Paper Award. 2024
Dreze Dissertation Award, UCLA Anderson. 2022
Dissertation Year Fellowship, UCLA. 2021
Honorable Mention, INFORMS George E. Nicholson Student Paper Prize. 2020
Winner, INFORMS Decision Analysis Student Paper Award. 2019
Second Place, INFORMS Jeff McGill Revenue Management and Pricing Student Paper Award. 2019
Finalist, INFORMS Service Science Best Cluster Paper Award. 2019
Spotlight Presentation, INFORMS Revenue Management and Pricing Conference. 2019
Ph.D. Fellowship, UCLA Anderson. 2017
Presidential Awards, National Taiwan University. 2012, 2013

TALKS

SEMINARS

- Erasmus University Rotterdam (Rotterdam School of Management), Rotterdam, Netherlands 2025
Tilburg University (School of Economics and Management), Tilburg, Netherlands 2025
City St George's, University of London (Bayes Business School), London, United Kingdom 2025
National Chengchi University (College of Commerce), Taipei, Taiwan 2025
Imperial College London (Control and Optimisation Seminar), London, United Kingdom 2025

CONFERENCES AND WORKSHOPS

- Durham Early Career Scholars Workshop 2025
INFORMS Annual Meeting 2018 – 2025
MSOM Conference 2021, 2024, 2025
INFORMS Revenue Management and Pricing Conference 2019, 2021, 2024
European Technology and Operations Management Day 2024
INFORMS Optimization Conference 2022
POMS Conference 2019
Southern California OR/OM Day 2019

PROFESSIONAL ACTIVITIES

Peer Review and Judging Activities

Journal reviewer, *Management Science*, *Operations Research*, *Manufacturing & Service Operations Management*, *Production and Operations Management*, *Computational Management Science*, and *Naval Research Logistics*.

- Review Panelist, INFORMS Harvey J. Greenberg Research Award. 2025
Reviewer, MSOM Student Paper Competition. 2023 – 2025

Professional Society Roles

Co-organizer, London Operations Research Day (LORD).

2025 – Present

Council member, INFORMS Decision Analysis Society.

2024, 2025

RESEARCH SUPERVISION**PhD Supervisor**

Sena Aslı Bozkurt, UCL School of Management (co-advised by Ersin Körpeoğlu).

2025 – Present

Kaan Çakıroğlu, UCL School of Management (co-advised by Kenan Arifoğlu).

2025 – Present

PhD Dissertation Examiner

Asimina Marousi, UCL Chemical Engineering.

2025

LANGUAGES

Mandarin (native), English (fluent), Turkish (beginner).