Ramazan Kizilyildirim

www.ramazankizilyildirim.com
Eligible to work in the UK without visa sponsorship.

Education

School of Management, University College London **London, UK**
Ph.D., Operations & Technology

School of Management, University College London **London, UK**
M.Res., Operations & Technology (Distinction) *2020*

Middle East Technical University **Ankara, Turkey**
M.S., Industrial Engineering (3.3/4) *2018*

TOBB University of Economics and Technology **Ankara, Turkey**
B.S., Economics (Double Major) (3.84/4) *2014*

TOBB University of Economics and Technology **Ankara, Turkey**
B.S., Industrial Engineering (3.92/4) *2013*

Working Papers

An Experimental Analysis of Participation Restriction and Visibility in Parallel Innovation Contests
Kizilyildirim, R., *Korpeoglu, C. G., Körpeoğlu, E., Kremer, M.*
Invited for resubmission at *Manufacturing & Service Operations Management* (Resubmission scheduled for July 2025.)
Honorable Mention (Third Place), POMS CBOM Junior Scholar Paper Competition
We study parallel innovation contests that seek solutions from independent solvers. We analyze whether solvers should be restricted to participating in a single contest and, when restricted, whether they should observe which contests other solvers join.

Solver Capacity Utilization and Allocation on Crowdsourcing Platforms: An Experimental Study
Kizilyildirim, R., *Korpeoglu, C. G., Körpeoğlu, E.,Kremer, M.*
Revise & Resubmit at Manufacturing & Service Operations Management
Finalist, POMS PITM Best Student Paper Competition 2025
We study innovation contests on crowdsourcing platforms that seek solutions to a set of problems from solvers who face capacity constraints in their solution-development efforts due to limited (financial, time, cognitive) resources. We analyze how solvers utilize their limited capacity and allocate it by considering the moderating effects of solver uncertainty and platform growth.

Deterministic or Fuzzy? An Experimental Analysis of Award Schemes in Innovation Contests
Kizilyildirim, R., *Körpeoğlu, E., Under preparation for submission to Management Science*
We study award schemes in innovation contests and show that fuzzy schemes can yield significantly larger profits than conventional Winner-Take-All or multiple award schemes.

Work-in-Progress

Market Entry in the Presence of Multi-Domain Competition
Kizilyildirim, R.

Teaching Experience

School of Management, UCL

Instructor, 2022–2023

Product, Technology, and Operations Management (Core course of Management Science):
As the sole instructor, I was responsible for delivering all lectures and seminar sessions for an undergraduate course in core operations management topics. These included process analysis, queuing theory, inventory theory, revenue management, new product development, and supply chain management. The course was delivered to 90 students over eight weeks, with a two-hour lecture each week followed by three two-hour seminar sessions on a separate day.

Invited Academic Presentations at Conferences

Solver Capacity Utilization and Allocation on Crowdsourcing Platforms: An Experimental Study
2025 INFORMS MSOM Conference, London, 2025

35th Annual POMS Conference, Atlanta, 2025

An Experimental Analysis of Participation Restriction and Visibility in Parallel Innovation Contests
35th Annual POMS Conference, Atlanta, 2025
(Previously titled: Exclusive or Not? An Experimental Analysis of Parallel Innovation Contests)

POMS Annual Conference, Minneapolis, 2024

INFORMS Annual Meeting, Phoenix, 2023

INFORMS Annual Meeting, Indianapolis, 2022

Professional Service

Ad hoc Reviewer: *Management Science* (2025); *OR Spectrum* (2021–2022); *Naval Research Logistics* (2021–2022)

Conference Reviewer: MSOM Conference Papers (2025), DSI Conference Papers (2025)

Competition Reviewer: INFORMS Behavioral Operations Management Section Best Working Paper Competition (2024 and 2025)

Honors and Awards

2025: Finalist, POMS Product Innovation and Technology Management Best Student Paper Competition

2024: Honorable Mention (Third Place), POMS CBOM Junior Scholar Paper Competition.

2013: Ranked 3rd among over one million applicants in the Nationwide Public Service Selection Test.

2013: Ranked 2nd in overall performance among graduates of the Engineering Faculty.

2008: Ranked 623rd in the 0.03 percentile, among two million participants in the National Student Selection and University Placement Examination.

Selected Industry Projects

Multi-objective Optimization Model for Forklift Trafficking and Buffer Management: Developed the first multi-objective model for part feeding problem. Designed a near-optimal heuristic algorithm. Real-life implementation of algorithm led to a **30% reduction in production line stoppages** caused by incorrect part deliveries in a dynamic production environment.

Airport Gate Assignment: Developed a heuristic algorithm for airport gate assignments for TAV company. This resulted in a **16% cost reduction**.

Work Experience

Jan 2014–Aug 2019: Senior Associate

Ministry of Treasury and Finance, Ankara, Turkey
During my tenure at the Turkish Ministry of Treasury and Finance, I contributed to the G20 Digital Economy Task Force's initiatives to craft international regulations for emerging technologies, balancing safeguards against risks with strategies to amplify global benefits.

Skills

Programming Languages: Python, R, JavaScript, Java, GAMS, Scikit-learn, TensorFlow, PyTorch, oTree

Languages

Turkish: Native

English: Fluent

Spanish: Beginner