

ERSİN KÖRPEOĞLU

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EDUCATION

Tepper School of Business, Carnegie Mellon University Pittsburgh, PA
Ph.D., Operations Management 2015
“Innovation and Crowdsourcing Contests”
M.S., Operations Management and Manufacturing 2011
Bilkent University Ankara, TURKEY
M.S., Industrial Engineering 2009
B.S., Industrial Engineering 2007

ACADEMIC EXPERIENCE

School of Management, University College London
Associate Professor 2021 – Present
Assistant Professor 2015 –2021

RESEARCH INTERESTS

Application: Innovative business models such as online platforms (e.g., crowdfunding, crowdsourcing, e-commerce, hospitality) and their interaction with traditional businesses; innovation sourcing and management; technology in healthcare; supply chain economics; socially responsible operations; business analytics applications.

Methodology: Modeling (game theory, statistics), empirical analysis (reduced-form econometric analysis), and controlled laboratory experiments.

RESEARCH

Publications

- [1] Candoğan, S. T., P. B. Cornelius, B. Gökpınar, E. Körpeoğlu, C. S. Tang.*† 2024. Product Development in Crowdfunding: Theoretical and Empirical Analysis. *Manufacturing & Service Operations Management* 26(2): 701-721.
 - 2nd prize, INFORMS TIMES Best Working Paper Award Competition, 2021.
 - Media coverage by the [Financial Times](#) in May 2021.
 - Media coverage by the [UCLA Anderson Review](#) in June 2021.
 - Media coverage by the [Wall Street Journal](#) in August 2021.
 - Related article “Customers Prefer to Crowdfund Products They Can Improve” published in [Harvard Business Review \(online\)](#).
 - Featured as INFORMS TIMES paper of the month in December 2023.
- [2] Körpeoğlu, Ç. G., E. Körpeoğlu, C. S. Tang, J. J. Yu.*† 2024. Should an Incumbent Store Deter Entry of a Socially Responsible Retailer? *Production and Operations Management*, 33(1): 282-302.
 - Media coverage by the [UCLA Anderson Review](#) in March 2021.
- [3] Khorasani, S., E. Körpeoğlu, V. Krishnan. 2024. *† Dynamic Development Contests. *Operations Research* 72(1): 43-59.

* Authors are listed alphabetically.

† Listed in SSRN Top Ten Downloads.

- [4] Körpeoğlu, E., Ç. G. Körpeoğlu, İ. E. Hafalır. 2022.[†] Parallel Innovation Contests. *Operations Research* 70(3): 1506-1530.
- 2nd prize, INFORMS TIMES Best Working Paper Award Competition, 2018.
 - Featured as INFORMS TIMES paper of the month in March 2023.
- [5] Ales, L., S. Cho, E. Körpeoğlu.* 2021. Innovation Tournaments with Multiple Contributors. *Production and Operations Management* 30(6): 1772-1784.
- [6] Körpeoğlu, Ç. G., E. Körpeoğlu, S. Tunç. 2021. * Optimal Duration of Innovation Contests. *Manufacturing & Service Operations Management* 23(3): 657-675.
- Featured as INFORMS TIMES paper of the month in June 2021.
- [7] Körpeoğlu, Ç. G., E. Körpeoğlu, S. Cho.[†] 2020. Supply Chain Competition: A Market Game Approach. *Management Science* 66(12): 5648-5664.
- Media coverage by [Carnegie Mellon University Tepper School of Business](#) in April 2020.
- [8] Chen, Y.-J., T. Dai, C. G. Körpeoğlu, E. Körpeoğlu, O. Sahin, C. Tang, S. Xiao.** 2020. Innovative Online Platforms: Research Opportunities. *Manufacturing & Service Operations Management* 22(3): 430-445.
- [9] Ales, L., S. Cho, E. Körpeoğlu.[†] 2019. Innovation and Crowdsourcing Contests. Invited book chapter in *Sharing Economy: Making Supply Meet Demand*, Ming Hu (eds.), Springer Series in Supply Chain Management.
- [10] Körpeoğlu, E., S. Cho. 2018.[†] Incentives in Contests with Heterogeneous Solvers. *Management Science* 64(6): 2709-2715.
- [11] Ales, L., S. Cho, E. Körpeoğlu. * 2017. Optimal Award Scheme in Innovation Tournaments. *Operations Research* 65(3): 693-702.
- 2nd prize, INFORMS TIMES Best Paper Award Competition, 2022.
- [12] Körpeoğlu, E., Z. Kurtz, F. Kilinc-Karzan, S. Kekre, P. A. Basu. 2014. Business Analytics Assists Transitioning Traditional Medicine to Telemedicine at Virtual Radiologic. *Interfaces* 44(4): 393-410.
- [13] Körpeoğlu, E., H. Yaman, M. S. Aktürk. 2011. A Multi-Stage Stochastic Programming Approach in Master Production Scheduling. *European Journal of Operational Research* 213: 166-179.
- [14] Gürel, S., E. Körpeoğlu, M. S. Aktürk. 2010. An Anticipative Scheduling Approach with Controllable Processing Times. *Computers & Operations Research* 37: 1002-1013.

Working Papers

- [15] Sun, Y., E. Körpeoğlu. 2024. Does Virtual Take Longer? An Empirical Investigation of Service Time in Telemental Health. Manuscript available upon request.
- [16] Fan, X., E. Körpeoğlu, C. Li, J. Liang.* 2024. Innovative-Product Sourcing: Incentives and Commitment. Available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4928116.
- [17] Kızılyıldırım, R., Ç. G. Körpeoğlu, E. Körpeoğlu, M. Kremer.* 2024. Solver Capacity Utilization and Allocation on Crowdsourcing Platforms: An Experimental Study. Available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4937154.
- [18] Feylessoufi, A., E. Körpeoğlu, L. Song, S. Yang.** 2024. How Do Loyalty Programs Affect Multichannel Booking? An Empirical Investigation. 2024. Available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4733905.
- [19] Kızılyıldırım, R., Ç. G. Körpeoğlu, E. Körpeoğlu, M. Kremer.* 2022. Exclusive or not? An Experimental Analysis of Parallel Innovation Contests. Available https://papers.ssrn.com/sol3/abstract_id=4256134.
- Honorable Mention (3rd Prize), POMS CBOM Junior Scholar Paper Competition, 2024.

* Authors are listed alphabetically.

[†] Listed in SSRN Top Ten Downloads.

HONORS AND AWARDS

- The World's Best 40-Under-40 MBA Professors, Poets & Quants, 2024.
<https://poetsandquants.com/2024/05/18/2024-best-40-under-40-mba-professors-ersin-korpeoglu>.
- *Honorable Mention (3rd prize)*, POMS CBOM Junior Scholar Paper Competition for “Exclusive or not? An Experimental Analysis of Parallel Innovation Contests,” co-authored with Ramazan Kızılyıldırım, 2024.
- RCIF Research Grant of £40,000 (principal investigator), 2024.
- *2nd prize*, INFORMS TIMES Best Paper Award Competition, “Optimal Award Scheme in Innovation Tournaments,” 2022.
- *2nd prize*, INFORMS TIMES Best Working Paper Award Competition, “Product Development in Crowdfunding: Theoretical and Empirical Analysis,” 2021.
- M&SOM Meritorious Service Award, 2020.
- *Achieved highest* teaching evaluations (4.98/5.00 among 67 students) and course evaluations (4.85/5.00) among all UCL School of Management faculty members in the 2018-2019 academic year.
- *2nd prize*, BSc/MSci Management Science Best Teacher Award, 2019.
- *2nd prize*, INFORMS TIMES Best Working Paper Award Competition, “Parallel Innovation Contests,” 2018.
- *2nd prize*, BSc/MSci Management Science Best Teacher Award, 2018.
- The UK Higher Education Academy Fellowship, 2017.
- *1st prize*, INFORMS TIMES Doctoral Dissertation Award Competition, “Innovation and Crowdsourcing Contests,” 2016.
- “Optimal Award Scheme in Innovation Tournaments” granted \$20,000 from Carnegie Bosch Institute, Carnegie Mellon University, 2015.
- *3rd prize*, INFORMS Case Competition, “Redesigning Pittsburgh Port Authority’s Bus Transit System,” 2013.
- William Larimer Mellon Fellowship, Tepper School of Business, Carnegie Mellon University 2009–2012.
- Academic Excellence in MS Studies Award, Bilkent University, 2009 (this award is given to MS students with outstanding academic success since 2009).
- The Scientific and Technological Research Council of Turkey (TUBITAK) scholarship, 2007-2009.

PROFESSIONAL ACTIVITIES AND COMMUNITY SERVICE

- Associate Editor: *Management Science* (2022-present), *Journal of Operations Management (Special Issue on "Uncertainty in Operations and Supply Chain Management,"* 2022)
- Chair: M&SOM Student Paper Competition 2022 (co-chair), 2023 (committee head)
- Reviewer: *Management Science*, *Operations Research*, *Manufacturing & Service Operations Management*, *Production and Operations Management*, *IIEE Transactions*, *European Journal of Operational Research*, *Decision Sciences*, *Games and Economic Behavior*, *Naval Research Logistics*
- Judge: INFORMS TIMES Doctoral Dissertation Award Competition 2018, PITM Student Paper Competition 2020, M&SOM Student Paper Competition 2020, 2021, INFORMS BOM Best Working Paper Competition 2022, INFORMS TIMES Best Working Paper Award Competition 2023
- Conference Session Chair: POMS 2016, INFORMS International 2016, INFORMS 2016 (2 sessions), POMS 2017, INFORMS 2017, INFORMS 2018, POMS 2019 (2 sessions), INFORMS 2019, INFORMS 2020, INFORMS 2023.
- Member: INFORMS, MSOM Society, INFORMS TIMES, JFIG, POMS

TEACHING EXPERIENCE

School of Management, University College London

Instructor

- New Product Development 2021 – 2022
(Elective course of UCL MBA program. Consists of professionally recorded asynchronous lecture videos and synchronous live sessions via Zoom.)
Average teaching evaluation score across all years: 4.90/5.00
Latest average teaching evaluation score: 5.00/5.00
- Product, Technology and Operations Management Hybrid Course 2021 – 2022
(Core course of BSc/MSci Management Science program consisting of both synchronous live sessions via Zoom and face-to-face sessions.)
Average teaching evaluation score: 4.85/5.00 (out of 224 students)
- Product, Technology and Operations Management Fully Online 2020 – 2021
(Core course of BSc/MSci Management Science program that consists of both asynchronous pre-recorded and synchronous live sessions via Zoom.)
Average teaching evaluation score: 4.80/5.00 (out of 76 students)
- Product, Technology and Operations Management 2015 – 2020, 2023-2024
(Core course of BSc/MSci Management Science program)
Average teaching evaluation score across all years: 4.88/5.00 (department average: 4.27)
Latest average teaching evaluation score: 4.95/5.00 (out of 81 students)

Tepper School of Business, Carnegie Mellon University

Instructor

- Production and Operations Management Summer 2013
(Core course of the undergraduate program in Business Administration)
Average teaching evaluation score: 4.80/5.00

Head Teaching Assistant

- Managerial Economics (MBA core course) Fall 2011

Teaching Assistant

- Mathematical Models for Consulting, Production and Operations Management, Principles of Economics, Intermediate Microeconomics, Global Economics (MBA) 2010 – 2014

Department of Industrial Engineering, Bilkent University

Teaching Assistant

- Introduction to Probability and Statistics, Introduction to Modeling and Optimization, Mathematical Modeling, Operations Scheduling 2007 – 2009

TEACHING MATERIAL

Published Teaching Material

- Körpeoğlu, E., F. Kılınç-Karzan. Redesigning Pittsburgh Port Authority's Bus Transit System. Invited book chapter in *Advances in Business, Operations, and Product Analytics: Cutting Edge Cases from Finance to Manufacturing to Healthcare*, Matthew Drake (Eds.), PH Professional Business, 2015.

Research Works Adopted as Course Material

- Supply Chain Competition: A Market Game Approach: Adopted as course content at INSEAD.

- Innovation Tournaments with Multiple Contributors: Adopted as a course contest at Georgia Institute of Technology.
- Innovative Online Platforms: Research Opportunities: Adopted as course content at Johns Hopkins University, London Business School, and University of California at Los Angeles.
- Optimal Duration of Innovation Contests: Adopted as course content at University College London.

PHD STUDENT SUPERVISION

Primary Supervisor

- Sıdıka Tunç Candoğan (Co-supervised with Bilal Gokpınar) 2016 – 2021
First placement: Assistant Professor, National University of Singapore
- Ramazan Kızılyıldırım 2019 – Present
- Yupu Sun 2022 – Present
- Shuaishuai Yang 2022 – Present

Secondary Supervisor

- Nilam Kaushik 2015 – 2019

POST-DOCTORAL RESEARCH FELLOW SUPERVISION

- Antoine Feylessoufi 2021 – 2024
First placement: Assistant Professor, Vanderbilt University

OTHER INSTITUTIONAL SERVICE

- Faculty Recruitment Committee (Chair in 2022-2023 and in 2023-2024)
- PhD Recruitment Committee
- Ethics Committee
- Promotions Committee
- Junior Faculty Mentor

INVITED TALKS

- University of Amsterdam, Amsterdam Business School May 2024
- Eindhoven University of Technology, Dept. of Industrial Engineering April 2024
- Bilkent University, Dept. of Industrial Engineering November 2023
- HEC Paris May 2023
- Middle East Technical University, Dept. of Industrial Engineering March 2023
- Singapore Management University, Lee Kong Chian School of Business February 2023
- European TOM Seminar Series January 2023
- University of Maryland, The Robert H. Smith School of Business March 2022
- University of Connecticut, School of Business October 2020
- Frankfurt School of Finance and Management December 2019
- Bilkent University, Dept. of Industrial Engineering November 2019

- University of Washington at Seattle, Foster School of Business October 2019
- Koc University, Dept. of Industrial Engineering February 2019
- University of Virginia, Darden School of Business (QA Group) January 2019
- Johns Hopkins University, Carey Business School January 2019
- Hong Kong University of Science and Technology, IEDA May 2018
- University of Virginia, Darden School of Business (TOM Group) October 2017
- University of Cambridge, Judge Business School March 2017
- Middle East Technical University, Dept. of Industrial Engineering October 2015
- Bilkent University, Dept. of Industrial Engineering October 2015
- Cornell University, Johnson Graduate School of Management January 2015
- University College London, Dept. of Management Science and Innovation January 2015
- Harvard University, Kennedy School of Government January 2015
- Koc University, College of Administrative Sciences and Economics December 2014
- Koc University, Dept. of Industrial Engineering December 2014
- Sabanci University, School of Management and Dept. of Industrial Engineering December 2014
- Bilkent University, Dept. of Industrial Engineering December 2014

INVITED ACADEMIC PRESENTATIONS AT CONFERENCES

- INFORMS Annual Meeting, Anaheim October 2021
- Virtual INFORMS Annual Meeting November 2020
- INFORMS Annual Meeting, Seattle October 2019
- SAET Conference, Italy July 2019
- POMS Annual Conference, Washington (3 talks) May 2019
- INFORMS Annual Meeting, Phoenix November 2018
- INFORMS Annual Meeting, Houston October 2017
- POMS Annual Conference, Seattle May 2017
- INFORMS Annual Meeting, Nashville (2 talks) November 2016
- POMS Annual Conference, Orlando May 2016
- INFORMS Annual Meeting, Philadelphia November 2015
- INFORMS Annual Meeting, San Francisco November 2014
- Midwest Economics Association Annual Meeting, Chicago March 2014
- INFORMS Annual Meeting, Minneapolis October 2013
- INFORMS Annual Meeting, Austin November 2010

TALKS AT REFEREED CONFERENCES

- Global Entrepreneurship and Innovation Research Conference May 2019
- M&SOM Conference, Dallas July 2018
- M&SOM Conference, Chapel Hill June 2017
- M&SOM Conference, Seattle June 2014