

# ERSİN KÖRPEOĞLU

School of Management  
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## EDUCATION

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

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## ACADEMIC EXPERIENCE

### ***School of Management, University College London***

Associate Professor	2021 – Present
Assistant Professor	2015 –2021

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## 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.

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## 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.
  - 2<sup>nd</sup> 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 the 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.

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\* Authors are listed alphabetically.

† Listed in SSRN Top Ten Downloads.

- [4] Körpeoğlu, E., Ç. G. Körpeoğlu, İ. E. Hafalır. 2022.<sup>†</sup> Parallel Innovation Contests. *Operations Research* 70(3): 1506-1530.
  - 2<sup>nd</sup> prize, INFORMS TIMES Best Working Paper Award Competition, 2018.
  - Featured as the 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 the INFORMS TIMES paper of the month in June 2021.
- [7] Körpeoğlu, Ç. G., E. Körpeoğlu, S. Cho.<sup>†</sup> 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.\*<sup>†</sup> 2020. Innovative Online Platforms: Research Opportunities. *Manufacturing & Service Operations Management* 22(3): 430-445.
- [9] Ales, L., S. Cho, E. Körpeoğlu.<sup>†</sup> 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.<sup>†</sup> 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.
  - 2<sup>nd</sup> 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. Submitted to *Manufacturing & Service Operations Management*.
- [16] Fan, X., E. Körpeoğlu, C. Li, J. Liang.\* 2024. Innovative-Product Sourcing: Incentives and Commitment. Invited for major revision at *Management Science*. Available at [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4928116](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. Submitted to *Manufacturing & Service Operations Management*. Available at [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4937154](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4937154).
  - Finalist, POMS PITM Student Paper Competition, 2025.
- [18] Feylessoufi, A., E. Körpeoğlu, S. Yang.\*<sup>†</sup> How Do Loyalty Programs Affect Multichannel Booking? An Empirical Investigation. 2024. Available at [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4733905](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. Reject and resubmit at *Manufacturing & Service Operations Management*. Available [https://papers.ssrn.com/sol3/abstract\\_id=4256134](https://papers.ssrn.com/sol3/abstract_id=4256134).

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\* Authors are listed alphabetically.

<sup>†</sup> Listed in SSRN Top Ten Downloads.

- *Honorable Mention (3<sup>rd</sup> Prize)*, POMS CBOM Junior Scholar Paper Competition, 2024.

## HONORS AND AWARDS

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- *Finalist*, POMS PITM Student Paper Competition for “Solver Capacity Utilization and Allocation on Crowdsourcing Platforms: An Experimental Study,” co-authored with Ramazan Kızılyıldırım, 2025.
- 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 (3<sup>rd</sup> 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.
- *2<sup>nd</sup> prize*, INFORMS TIMES Best Paper Award Competition, “Optimal Award Scheme in Innovation Tournaments,” 2022.
- *2<sup>nd</sup> 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.
- *2<sup>nd</sup> prize*, BSc/MSci Management Science Best Teacher Award, 2019.
- *2<sup>nd</sup> prize*, INFORMS TIMES Best Working Paper Award Competition, “Parallel Innovation Contests,” 2018.
- *2<sup>nd</sup> prize*, BSc/MSci Management Science Best Teacher Award, 2018.
- The UK Higher Education Academy Fellowship, 2017.
- *1<sup>st</sup> 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.
- *3<sup>rd</sup> 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

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- 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*, *IIE 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

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### *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: 4.89/5.00 (department average: 4.27)  
Latest average teaching evaluation score: 4.92/5.00 (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

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### *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**

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##### ***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**

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

#### **OTHER INSTITUTIONAL SERVICE**

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

#### **INVITED TALKS**

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- University of Science and Technology of China November 2024
- 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**

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• 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**

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- 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