

# ERSİN KÖRPEOĞLU

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## EDUCATION

<b><i>Tepper School of Business, Carnegie Mellon University</i></b>	Pittsburgh, PA
Ph.D., Operations Management “Innovation and Crowdsourcing Contests”	2015
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

<b><i>School of Management, University College London</i></b>	
Associate Professor	2021 – Present
Assistant Professor	2015 –2021

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## RESEARCH

### ***Publications***

- [1] Körpeoğlu, E., Ç. G. Körpeoğlu, İ. E. Hafalır. 2022.<sup>†</sup> Parallel Innovation Contests. *Operations Research*, ePub ahead of print. <https://doi.org/10.1287/opre.2021.2250>.  
*2<sup>nd</sup> prize*, INFORMS TIMES Best Working Paper Award Competition, 2018.
- [2] Ales, L., S. Cho, E. Körpeoğlu.\* 2021. Innovation Tournaments with Multiple Contributors. *Production and Operations Management* 30(6), 1772-1784.
- [3] 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.
- [4] 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.
- [5] 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.
- [6] 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.
- [7] Körpeoğlu, E., S. Cho. 2018.<sup>†</sup> Incentives in Contests with Heterogeneous Solvers. *Management Science* 64(6), 2709-2715.
- [8] Ales, L., S. Cho, E. Körpeoğlu.\*<sup>†</sup> 2017. Optimal Award Scheme in Innovation Tournaments. *Operations Research* 65(3), 693-702.

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\* Authors are listed alphabetically.

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

- [9] 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.
- [10] 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.
- [11] Gürel, S., E. Körpeoğlu, M. S. Aktürk. 2010. An Anticipative Scheduling Approach with Controllable Processing Times. *Computers & Operations Research* 37 1002-1013.

### **Working Papers under Review**

- [12] Fan, X., E. Körpeoğlu, C. Li.\* Sourcing Innovation and Production.\*\*† 2022. Under review. Available at [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4003689](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4003689).
- [13] Candoğan, S. T., P. B. Cornelius, B. Gökpınar, E. Körpeoğlu, C. S. Tang.\*\*† 2021. Product Development in Crowdfunding: Theoretical and Empirical Analysis. Under review. Available at [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3833525](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3833525).  
*2<sup>nd</sup> prize*, INFORMS TIMES Best Working Paper Award Competition, 2021.  
 Media coverage by Financial Times in May 2021.  
 Media coverage by UCLA Anderson Review in June 2021.  
 Media coverage by Wall Street Journal in August 2021.
- [14] Khorasani, S., E. Körpeoğlu, V. Krishnan. 2021.\*\*† Dynamic Development Contests. Invited for 2<sup>nd</sup> round review at *Operations Research*. Available at [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3804454](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3804454).
- [15] Körpeoğlu, Ç. G., E. Körpeoğlu, C. S. Tang, J. J. Yu.\*\*† 2020. Entry of Socially-Responsible Retailers and Its Implications on For-Profit Retailers. Invited for 3<sup>rd</sup> round review at *Production and Operations Management*. Available at [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3683380](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3683380).  
 Media coverage by UCLA Anderson Review in March 2021.

### **HONORS AND AWARDS**

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- *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 faculty members at UCL School of Management in 2018-2019 academic year.
- *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, 2019.
- 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 (an award given to the MS student with an outstanding academic success since 2009).

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\* Authors are listed alphabetically.

† Listed in SSRN Top Ten downloads.

- The Scientific and Technological Research Council of Turkey (TUBITAK) scholarship, 2007-2009.

## PROFESSIONAL ACTIVITIES AND SERVICE

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- Associate Editor: *Management Science*
- Chair: M&SOM Student Paper Competition 2022
- Reviewer: *Management Science, Operations Research, Manufacturing & Service Operations Management, Production and Operations Management, IISE 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
- 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
- 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.)
- 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 consisting of both asynchronous pre-recorded sessions 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  
(Core course of BSc/MSci Management Science program)  
Average teaching evaluation score across all years: 4.87/5.00 (department average: 4.27)  
Latest average teaching evaluation score: 4.94/5.00 (out of 81 students)

### *Tepper School of Business, Carnegie Mellon University*

#### **Instructor**

- Production and Operations Management Summer 2013  
(Core course of 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***

- Innovation Tournaments with Multiple Contributors: Adopted as course contest at Georgia Institute of Technology.
- Supply Chain Competition: A Market Game Approach: Adopted as course content at INSEAD.
- 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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- Sıdıka Tunç Candoğan (Primary Supervisor) 2016 – 2021
- Ramazan Kızılyıldırım (Primary Supervisor) 2019 – Present
- Çelen Naz Ötken (Primary Supervisor) 2021 – Present

**POST-DOCTORAL RESEARCH FELLOW SUPERVISION**

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- Antoine Feylessoufi 2021 – Present

**INVITED TALKS**

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- 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