

Huseyin Gurkan

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Current employment

Assistant Professor of Management Science, ESMT Berlin, Berlin, Germany, September 2019–Present.

Education

PhD, The Fuqua School of Business, Duke University, Durham, NC, USA, 2019.

MS, Bilkent University, Ankara, Turkey, 2014.

BS, Bilkent University, Ankara, Turkey, 2010.

Publications

Peer reviewed journal articles

Gurkan, H., and F. de Véricourt (Forthcoming). Contracting, pricing, and data collection under the AI flywheel effect. *Management Science*.

de Véricourt, F., H. Gurkan, and S. Wang (2021). Informing the public about a pandemic. *Management Science* 67 (10): 6350–6357.

Balseiro, S., O. Candogan, and H. Gurkan (2021). Multistage intermediation in display advertising. *Manufacturing and Service Operations Management* 23 (3): 714–730.

Balseiro, S., H. Gurkan, and P. Sun (2019). Multiagent mechanism design without money. *Operations Research* 67 (5): ii–iv, 1209–1502.

Gurkan, H., S. Gürel, and M. Selim Aktürk (2016). An integrated approach for airline scheduling, aircraft fleet and routing with cruise speed control. *Transportation Research Part C: Emerging Technologies* 68 (July): 38–57.

Working papers

Gurkan, H., and F. de Véricourt (2021). Contracting, pricing, and data collection under the AI flywheel effect. ESMT Working Paper, No. 20-01 (R3).

Book chapters

Balseiro, S., O. Candogan, and H. Gurkan (2019). Intermediation in online advertising. In *Sharing economy: Making supply meet demand*, 1st ed., 6 vols. edited by Ming Hu, 505–528. Basel: Springer International Publishing.

Reviewer services

Management Science; Manufacturing & Service Operations Management; Mathematics of Operations Research; Operations Research.

Research grants and fellowships

Duke University.

Honors and awards

Scholarship, Bilkent University, 2014.

Scholarship, TÜBİTAK, 2014.

Academic Excellence, Bilkent University, 2013.

Scholarship, Bilkent University, 2012.

Valedictorian in a class of 149 students, Bilkent University, 2012.

Scholarship, European Commission through Turkish National Agency, 2010.

Presentations

Peer reviewed paper presentations

Multi-agent mechanism design without money

- 11/06/18: INFORMS Annual Meeting 2018, The Institute for Operations Research and the Management Sciences, Phoenix, AZ, USA.
- 06/20/17: INFORMS Manufacturing & Service Operations Management Conference, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA.
- 11/13/16: INFORMS Annual Meeting 2016, The Institute for Operations Research and the Management Sciences, Nashville, TX, USA.
- 06/16/16: 16th Annual Revenue Management & Pricing Section Conference, New York University, Greenwich Villag, NY, USA.

Multi-stage intermediation in display advertising

- 07/03/18: INFORMS Manufacturing & Service Operations Management Conference, The University of Texas at Dallas, Dallas, TX, USA.
- 10/25/17: INFORMS Annual Meeting 2019, University of Houston Industrial Engineering, Houston, TX, USA.
- 06/29/17: 17th Annual Revenue Management & Pricing Section Conference, Centrum Wiskunde & Informatica (CWI), Amsterdam, The Netherlands.

Research seminars

Multi-agent mechanism design without money

- 02/20/19: Research seminar, UCL School of Management, London, UK.

Other presentations

Multi-stage intermediation in display advertising

- 09/20/19: Author & Presenter, 12th Berlin IO Day, Sponsored by Berlin Centre for Consumer Policies (BCCP); supported by DIW Berlin, ESMT Berlin, Humboldt-Universität zu Berlin, and Technische Universität Berlin, Berlin, Germany.
- 11/15/16: Presented by Coauthor, INFORMS Annual Meeting 2016, The Institute for Operations Research and the Management Sciences, Nashville, TX, USA.

Languages

Turkish (native), English (advanced).

Hobbies and skills

Matlab, Maple, R, Python, Java, CPLEX, Gams, Xpress