

# Huseyin Gurkan

## Address

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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

Candogan, O., and H. Gurkan (Forthcoming). The value of information design in supply chain management. *Management Science*.

de Véricourt, F., and H. Gurkan (Forthcoming). Is your machine better than you? You may never know. *Management Science*.

Gurkan, H., and F. de Véricourt (2022). Contracting, pricing, and data collection under the AI flywheel effect. *Management Science* 68 (12): 8791–8808.

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

de Véricourt, F., H. Gurkan (2022). Is Your Machine Better Than You? You May Never Know. ESMT Working Paper No. 22-02 (R1)

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; Production and Operations Management; Dynamic Games and Applications; IIE Transactions; INFORMS Journal of Computing.*

### **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**

*Is your machine better than you? You may never know*

- 10/16/22: INFORMS Annual Meeting 2022, The Institute for Operations Research and the Management Sciences, Indianapolis, IN, USA.
- 06/27/22: Manufacturing and Service Operations Management Conference 2022, Förderverein für Lieferkettenforschung an der Technischen Universität München e.V., Munich, Germany.

*Informing the public about a pandemic*

- 11/12/20: INFORMS Annual Meeting 2020 Virtual, The Institute for Operations Research and the Management Sciences, Catonsville, US/Puerto Rico.

*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 Village, 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**

*Informing the public about a pandemic*

- 10/16/20: Research seminar, Bilkent University, Ankara, Turkey.

*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