

# 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

Boyaci, T., Chakraborty, S., and H. Gurkan (*Forthcoming*). Persuading skeptics and fans in the presence of additional information. *Production and Operations Management*.

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

de Véricourt, F., and H. Gurkan (2023). 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 fleetling and routing with cruise speed control. *Transportation Research Part C: Emerging Technologies* 68 (July): 38–57.

### **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 on Computing.*

### **Research grants and fellowships**

Duke University.

### **Honors and awards**

M&SOM Meritorious Service Award, Manufacturing & Service Operations Management Journal, 2023.

The President's Honor Roll of Teaching Excellence, MIM Program, ESMT Berlin, 2023.

M&SOM Meritorious Service Award, Manufacturing & Service Operations Management Journal, 2022.

Management Science Service Award, Management Science Journal, 2022.

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**

##### *Persuading skeptics and fans in the presence of additional information*

- 10/18/23: INFORMS Annual Meeting 2023, The Institute for Operations Research and the Management Sciences, Phoenix, AZ, USA.
- 05/22/23: 33rd Annual POMS Conference 2023, Production and Operations Management Society, Orlando, FL, USA.

##### *Contracting, pricing, and data collection under the AI flywheel effect*

- 04/27/24: 33rd Annual POMS Conference 2024, Production and Operations Management Society, Minneapolis, MN, USA.
- 10/17/23: INFORMS Annual Meeting 2023, The Institute for Operations Research and the Management Sciences, Phoenix, AZ, USA.

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

- 05/24/23: 33rd Annual POMS Conference 2023, Production and Operations Management Society, Orlando, FL, USA.

- 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 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**

*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