

## Sıdika Tunç Candogan

UCL School of Management  
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### Academic Position

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**NUS Business School, National University of Singapore**, Singapore  
Assistant Professor, Analytics and Operations

September 2022

### Education

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**UCL School of Management, University College London**, London, UK

Ph.D., Management Science and Operations

August 2022

Thesis: Innovation Management on Online Platforms

Supervisor: Bilal Gokpinar

MRes, Management Science and Operations (Distinction)

2017

**Middle East Technical University**, Ankara, Turkey

M.S., Industrial Engineering (High Honor)

2016

B.S., Industrial Engineering (High Honor)

2014

Ranked 1<sup>st</sup> among 89 students

### Research Interests

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**Topics:** Operations on online platforms, innovation management, crowdsourcing, crowdfunding, new product and service development

**Methodologies:** Game theory, large-scale econometric studies, natural language processing

### Research Papers

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#### Published/Submitted Papers

“Optimal Duration of Innovation Contests” with C. G. Korpeoglu and E. Körpeoğlu. 2021. *Manufacturing & Service Operations Management* 23(3):657-675. [\[link\]](#)

- Selected as the INFORMS TIMES Paper of the Month, June 2021

“Team Collaboration in Innovation Contests” with C. G. Korpeoglu and C. S. Tang. [\[link\]](#)

- Major revision at *Management Science*

- 1<sup>st</sup> prize, 2020 INFORMS TIMES Best Working Paper Award Competition

- Listed in SSRN’s top ten downloads

#### Working Paper

“Product Development in Crowdfunding: Theoretical and Empirical Analysis” with P. B. Cornelius, B. Gokpinar, E. Körpeoğlu, and C. S. Tang. [\[link\]](#)

- 2<sup>nd</sup> prize, 2021 INFORMS TIMES Best Working Paper Award Competition

- Featured by the *Financial Times* (May 10, 2021) [\[link\]](#)

- Featured by the *UCLA Anderson Review* (June 23, 2021) [\[link\]](#)

- Featured by the *Wall Street Journal* (September 2, 2021) [\[link\]](#)

- Listed in SSRN’s top ten downloads

#### Research in Progress

“Operations on Online Therapy Platforms” with B. Gokpinar.

### Awards

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- 2<sup>nd</sup> prize, **2021 INFORMS TIMES Best Working Paper Award Competition**

- 1<sup>st</sup> prize, **2020 INFORMS TIMES Best Working Paper Award Competition**

- Finalist, **2014 INFORMS Undergraduate Operations Research Prize**

- 1<sup>st</sup> ranking student of Industrial Engineering Department, Middle East Technical University, 2014

#### Other Publication and Awards before PhD

“Cash Management System Design by Central Cash Office Location and Inventory Management Policy Optimization” with M. Özmen, G. Yağız, S. Yıldırım, E. Yıldız, M. Köksalan, and S. Gürel. 2015. *Journal of Industrial Engineering (Turkish Chamber of Mechanical Engineers)* 26(2) 4-20. [\[link\]](#)

- 1<sup>st</sup> prize in 34<sup>th</sup> National Congress on OR and IE Student Project Competition
- 2<sup>nd</sup> prize in Istanbul Technical University Industrial Engineering Club Project Competition

## Selected Presentations

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“Product Development in Crowdfunding: Theoretical and Empirical Analysis”

- MSOM iFORM SIG (scheduled) June, 2022
- NUS Business School, National University of Singapore February, 2022
- Boston University Questrom School of Business January, 2022
- University of Oregon Lundquist College of Business January, 2022
- Tilburg University, Department of Management December, 2021
- IESE Business School December, 2021
- Georgetown University McDonough School of Business December, 2021
- IE Business School November, 2021
- Doctoral Research Showcase, DSI Annual Conference November, 2021
- Singapore Management University November, 2021
- Middle East Technical University, Department of Industrial Engineering November, 2021
- European Technology & Operations Management (TOM) Seminar Series November, 2021
- Imperial College Business School November, 2021
- Stockholm School of Economics October, 2021
- London Business School October, 2021
- INFORMS Annual Meeting (award session) October, 2021
- INFORMS Annual Meeting (invited Session) October, 2021
- Open and User Innovation Conference June, 2021
- Trans-Atlantic Doctoral Conference May, 2021
- POMS Annual Conference (invited session) May, 2021
- Imperial-LBS-UCL Brown Bag Seminar April, 2021

“Team Collaboration in Innovation Contests”

- MSOM Conference June, 2021
- POMS Annual Conference (invited session) May, 2021
- GERAD, Canada (invited) April, 2021
- European Technology & Operations Management (TOM) Seminar Series December, 2020
- INFORMS Annual Meeting, Seattle, WA (invited session) October, 2019

“Optimal Duration of Innovation Contests”

- INFORMS Annual Meeting (invited session) November, 2020
- INFORMS Annual Meeting, Houston, TX (contributed session) October, 2017

“Cash Management System Design for a Bank”

- INFORMS Annual Meeting, San Francisco, CA (award session) November, 2014

## Teaching Experiences

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### UCL School of Management

*Guest lecturer* for undergraduate and masters courses

- Operations and Technology Management (Masters) 2020
- Product, Technology and Operations Management (Undergraduate) 2017-2018

*Seminar teacher* for Product, Technology and Operations Management (Undergraduate) 2019

- Responsible for teaching problem-solving (queuing theory) and case-study sessions (Zara and Barilla)
- Teaching evaluation score: 4.54/5.00 (out of 57 students)

*Teaching assistant* for undergraduate, masters, and MBA courses

- Operations (MBA) 2021
- Mathematics III: Probability Theory (Undergraduate) 2020-2021

- Operations and Technology Management (Masters) 2020
  - Product, Technology and Operations Management (Undergraduate) 2017-2019
  - Decision & Risk Analysis (Undergraduate and Masters) 2018
- Responsible for leading workshops on simulation with @Risk, optimization with Excel Solver, and decision analysis with PrecisionTree.

### **Middle East Technical University, Industrial Engineering**

- Recitation instructor* for Linear Programming (Undergraduate) 2014-2016  
Responsible for organizing weekly recitations on mathematical programming and optimization with Excel Solver and GAMS and guiding students for case study analysis and reports
- Recitation instructor* for Quality Planning and Control (Undergraduate) 2015  
Responsible for organizing weekly recitations on statistical analysis with Minitab and guiding students for case study analysis and reports
- Teaching assistant* for undergraduate and graduate courses 2014-2016  
Industrial Engineering Orientation, Special Topics in IE: Humanitarian Logistics, Network Flows & Project Management, Quality Engineering, Decision Models
- Student assistant* for Linear Programming 2013

### **Computer Skills**

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STATA, Python, MATLAB, Minitab, GAMS, Arena

### **Service**

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Reviewer, Management Science, Manufacturing & Service Operations Management, and Operations Research Letters, 2020 INFORMS TIMES Best Working Paper Award Competition  
PITM Track co-chair with Tian Chan, 2023 POMS Annual Conference  
Session Chair, 2022 POMS Annual Conference  
Session Co-chair with Bilal Gokpinar (Crowdsourcing and Crowdfunding), 2021 POMS Annual Conference  
Session Chair (Outsourcing Innovation), 2020 INFORMS Annual Meeting  
Mentor to first-year PhD students at UCL School of Management  
Member of INFORMS, TIMES, M&SOM, and POMS

### **Other Experiences**

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Project Member, INOVA Software and Consultancy, Ankara, Turkey September 2014 - May 2016  
Part-time Consultant, AF Mercados EMI, Ankara, Turkey January 2014 - August 2014  
Intern, Department of Network Operations, Turkcell, Istanbul, Turkey July 2013 - September 2013  
Transportation Planner, XVII. Mediterranean Games, Mersin, Turkey June 2013 - July 2013  
Intern, Garanti Bank, Mersin, Turkey August 2012 - September 2012  
Intern, Production Department, OTOKAR, Sakarya, Turkey July 2012 - August 2012  
Member and Trainer in Sub-Aqua Diving Club, METU, Ankara, Turkey 2009-2016