# Konstantinos I. Stouras

Curriculum Vitæ

UCD Smurfit Business School Office No. N211A Carysfort Ave, Blackrock, IRL www.stouras.com @stourasK

# **Academic Positions**

2018– University College Dublin, Michael Smurfit Graduate Business School, Ireland Assistant Professor of Operations Management

Subject Area Coordinator, Project Management (Singapore, Sri Lanka and Hong Kong)

2016–2018 University of Virginia, Darden School of Business, USA

Post-doctoral Research Fellow, supported by the Batten Institute

# **Education**

2011–2016 INSEAD, France and Singapore

Ph.D., M.Sc. in Management, Technology and Operations Management Area

Dissertation: Incentive Design of On-Demand Marketplaces for Service and Innovation

Advisors: Serguei Netessine (Wharton UPenn) and Karan Girotra (Cornell)

2005–2011 National Technical University of Athens (NTUA), Greece

2-year M.Sc. summa cum laude in Financial Engineering

5-year Diploma (M.Eng. equivalent) summa cum laude in Applied Mathematics and Physics

Thesis: Probabilistic Solutions of Partial Differential Equations and their Path Integral Representation: Applications in Stochastic Interest Rate Modeling

Advisors: Vassilis G. Papanicolaou and Themistocles M. Rassias

## **Research Interests**

Design of markets with endogenous entry and applications in innovation, services, transportation and retail.

# Research

## **Journal Publications**

[J1] K. I. Stouras, J. Hutchison-Krupat and R. O. Chao, *The Role of Participation in Innovation Contests*, **Management Science**, Articles in Advance, pp. 1-16, 2021.

# **Peer-Reviewed Conference Proceedings**

- [CP1] K. I. Stouras, S. Erat and K. C. Lichtendahl Jr., *Prizes on Crowdsourcing Platforms: An Equilibrium Analysis of Competing Contests*, **Proceedings of The 21st ACM Conference on Economics and Computation (EC'20)**, 2020. (Acceptance rate: 20% out of 491 submissions)
- [CP2] K. I. Stouras, Crowdsourcing Contests with Private Types and Evaluation Uncertainty, Proceedings of The 3rd Cambridge Area Economics and Computation Conference (CAEC'17), Microsoft Research, New England, 2017.

# **Under Review and Working Papers**

K. I. Stouras, S. Erat and K. C. Lichtendahl Jr., *Dueling contests and platform's coordinating role*, v1: August 2020; v2 (current): December 2021, Revise and Resubmit (v1): **Management Science**.

- J. Somasundaram and K. I. Stouras, *Endogenous Entry in a Labor Market: Theory and Experiments*, v1 (current): December 2021.
- P. D. Sargenti and K. I. Stouras, *Optimal Pool Structure in Parallel Delegated Search*, v1 (current): July 2020.
- A. D. Frazelle and K. I. Stouras, *Managing a Question-and-Answer Forum*, v1: November 2016; v2 (current): February 2020.

# **Awards and Honors**

#### Grants

- 2020 Research Grant on "Market thickness and coordination in on-demand service platforms: Theory and experiments", UCD Michael Smurfit Graduate Business School
- 2018–2019 Batten Institute for Entrepreneurship and Innovation, \$10,000 Research Grant on "Dueling Crowdsourcing Contests", The Darden School, University of Virginia (joint with K.C. Lichtendahl and S. Erat, UC San Diego, Rady)
- 2016–2018 *Research Fellowship,* Batten Institute for Entrepreneurship and Innovation, The Darden School, University of Virginia (\$150,000 incl. travel budget)

## **Teaching**

2013–2014 Winner of *Deans' Commendation for Excellence in MBA Teaching*, INSEAD (Annual award to top three PhD Students across Departments and Campuses in France and Singapore)

#### Student

- 2018 Finalist for Best Dissertation Award, INFORMS Technology, Innovation Management and Entrepreneurship (TIMES) Section
- 2011–2016 INSEAD Doctoral Fellowship for Management Research (€135,000 incl. travel budget)
  - 2015 Part of Winning Team, "Hack4Insead", Data Analytics Competition, INSEAD
  - 2010 Salutatorian, School of Applied Mathematics and Physical Sciences, NTUA
  - 2009 *Thomaideio Foundation Award*, awarded to the best Undergraduate Student, School of Applied Mathematics and Physical Sciences, NTUA
- 2006–2008 Awards for Academic Excellence, National Scholarships Foundation of Greece (IKY)

# **Invited Seminars and Presentations**

- 2020 The 21st ACM Conference on Economics and Computation (EC'20)
- 2019 Revenue Management & Pricing Conference (Stanford University), University College London
- 2018 University of Toronto, Product and Service Innovation (University of Utah, David Eccles School of Business), UCD Michael Smurfit GSB, NU GSB
- 2017 Marketplace Innovation (Stanford University), Microsoft Research (New England), Rutgers University, Frankfurt School of Finance & Management, Koç University GSB
- 2016 University of Virginia (Darden School of Business), Washington University in St. Louis (Olin Business School), HEC Paris, City University Hong Kong (College of Business), Kühne Logistics University
- MSOM Singapore (2019), Chapel Hill (2017), Seattle (2014), Fontainebleau (2013)
- INFORMS Online (2020-2021), Seattle (2019), Phoenix (2018), Houston (2017), Nashville (2016), Philadelphia (2015), San Francisco (2014), Minneapolis (2013)

# **Teaching Experience**

**Teaching interests**: Operations Management, Business Model Transformation, Marketplace Design, Innovation, Project Management

- 2019– **Instructor**, *Operations*, *Innovation and Management*, MBA Core course, **UCD Smurfit** *Teaching Evaluations* (out of 5): **5.0** (2019).
- 2017–2018 TA, Business Analytics, MBA Elective, Darden: MBA Projects in R, Python and MySQL
- 2015, 2014 Beer Game Instructor, Executive Education Program, INSEAD
- 2012–2016 **Teaching Fellow**, *Managing Operations*, MBA Core course, **INSEAD**Prepared and delivered 5x5x2 lectures (100+ INSEAD MBAs per lecture). *Teaching Evaluations* (out of 5): **4.7** (2016), **4.5** (2015), **4.7** (2014), **4.7** (2014), **4.3** (2012).

# **Teaching Materials**

#### Case studies

All cases are available by Harvard Business Review and are accompanied by a detailed Teaching Note and Excel Sheet.

- [T1] R. Goldberg, K. I. Stouras, O. Yildiz and E. N. Weiss, **GidaExpress: Grocery Delivery** in **Turkey**, *Darden Business School Case OM-1635*, December 2019.
- [T2] K. I. Stouras, K. Girotra and S. Netessine, LiveOps.com: The Contact Centre Reinvented, INSEAD Business School Case 6097, October 2014. (Case used in the OM MBA Core Course at INSEAD, and MBA electives at New York University and Baruch College; see cases.insead.edu/LiveOps)

# **Professional Experience**

# 2015- Consulting Engagements

*BVLGARI* (Luxury Goods Logistics; 2021), *Lidl Stiftung & Co. KG* (Retail Analytics; 2021), *DHL* (Supply Chain Analytics post-Brexit; 2019-2020), *Voiro.com* (Data-driven ad revenue management; 2015-2017)

2014 Founder and CTO, Operations Academia.org

A platform to match supply with demand in the Academic Job Market of Operations. More than 500k global visitors so far and 200+ views on a daily basis.

2014 Industrial Excellence Best Factory in Europe Competition, France

Audited the factories of L'Oreal, Rambouillet, France and Bosch, Rodez, France (with Prof. Stephen Chick and Prof. Enver Yücesan).

2010–2011 Actuary, Prudential, Athens, Greece

Analyzed a private Defined Contribution pension fund of appr. 6M accounts and provided recommendations to the Greek Supervisory Committee of Occupational Insurance.

# Service

# **Academic Community**

- 2022- *VP of Communication*: POMS College of Product Innovation and Technology Management (PITM)
- 2017 Board Member: Technology, Innovation Management and Entrepreneurship Section (TIMES) of INFORMS
- 2014 *Operations Academia.org*: Annual Job Market Survey in Operations, jobs, candidates and placements
- 2020, 2018 Judge: INFORMS TIMES Best Working Paper Award

Reviewer: ACM Conference on Economics and Computation (EC), Management Science, Operations Research, Games and Economic Behavior, Manufacturing & Service Operations Management, Production and Operations Management

# (External) Student Supervision

- 2021− *Ph.D. Thesis Committee Member*: Sreyaa Guha (IE Business School → Nova School of Business and Economics, 2021), Sidika Tunc-Candogan (University College London, expected 2022), Pranadharthiharan Narayanan (IE Business School, expected 2023)
- 2020– *M.Sc. Thesis Advisor*: Chun-Chang Chen, Amerendra Daulat, Xutong Pan, Isha Raskar, Karthik Ker, Langxu Fan, Shyam Mohan

# UCD, Michael Smurfit Graduate Business School

- 2021 Project Management Area Coordinator (Singapore, Sri Lanka and Hong Kong)
- 2019- Organizer, Operations Research Seminar Series
- 2019– MBA Internship Advisor: Ricardo Cervi, Hamzah Hassan, Sumit Madan, Ke Chen, Milka Omukuba, Paul Deegan, Arunima De, Colm Garrick, Luzi Wen, Richard Morris, Arnab Roy, Ankita Aggarwal
- 2021- M.Sc. Thesis Advisor: Rebecca Hammer, Jeroen Mudde

# Miscellaneous

Computer skills Java, R, Python, SQL, Excel (VBA and @Risk)

Languages Greek (native), English (fluent), German (intermediate), French (basic)

Hobbies and Semi-professional Water Polo player: Half Moon Ireland (2018–2020), Nireas Chalan-

general interests driou Greece (1999–2007); Traveling/Culture, Coding, Cooking

Work eligibility EU citizen; Former H-1B US Visa holder (2016-2018)

Military service Artillery soldier, Greek Armed Forces (completed in 2020)

Family status Married with one daughter

# References

## Serguei Netessine (Ph.D. advisor)

Amazon Scholar, Core AI Unit

Amazon.com, and

Vice Dean for Global Initiatives

Dhirumbai Ambani Professor of En-

trepreneurship and Innovation

Professor of Operations, Information

and Decisions

University of Pennsylvania, Wharton

netessin@wharton.upenn.edu

# Sanjiv Erat

**Associate Professor** 

Innovation, Technology and Operations University of California San Diego,

Rady

serat@ucsd.edu

## Georgia Perakis

William F. Pounds Professor of Manage-

ment

Professor, Operations Research and

**Statistics** 

MIT Sloan School of Management

**EMBA Faculty Director** 

Co-Director, Operations Research

Center

georgiap@mit.edu

# Kenneth C. Lichtendahl Jr.

Data Scientist, Operations Data Science Google, and

Eleanor F. and Phillip G. Rust Chair Associate Professor of Decision Sciences University of Virginia, Darden lichtendahlc@darden.virginia.edu