# Konstantinos I. Stouras

Curriculum Vitæ

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## **Academic Positions**

2018– University College Dublin, Michael Smurfit Graduate Business School, Ireland Assistant Professor (with tenure) in Operations Management Subject Area Coordinator, Project Management (Singapore, Sri Lanka, Hong Kong)

2016–2018 **University of Virginia, Darden School of Business**, USA *Batten Scholar* in Innovation, Technology and Operations

### 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 (ΕΜΠ), 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 and Teaching Interests**

*Research*: Theory and Experiments on **crowdsourcing** and **platform design**, and applications in innovation, services, transportation and retail.

Teaching: Operations and Supply Chain Management; Project Management; Business Analytics; Marketplaces and platforms; Business Model Transformation

### Research

### **Under Review and Working Papers**

- [WP1] S. Erat, J. Somasundaram, K. I. Stouras, *Momentum Equilibria in Participation on Platforms: Implications for Inequity*, v1 (current): December 2023, submitted.
- [WP2] K. I. Stouras, S. Erat, K. C. Lichtendahl Jr., *Dueling Contests and Platform's Coordinating Role*, v4 (current): Jan 2024, *Minor Revision* invited (July 2023): **Management Science**.

### **Journal Publications**

[J1] K. I. Stouras, J. Hutchison-Krupat, R. O. Chao, *The Role of Participation in Innovation Contests*, **Management Science**, 68(6):4135-4150, 2021.

# **Peer-Reviewed Conference Proceedings**

[CP1] K. I. Stouras, S. Erat, 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.

## **Awards and Honors**

#### Research

- 2022 3<sup>rd</sup> place (out of 46 submissions), *INFORMS TIMES Best Working Paper Competition*, "Dueling Contests and Platform's Coordinating Role"
- 2022 INFORMS TIMES Paper of the Month, "The Role of Participation in Innovation Contests"

#### 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 S. Erat, UC San Diego, Rady and K.C. Lichtendahl, Darden)
- 2016–2018 *Research Fellowship,* Batten Institute for Entrepreneurship and Innovation, The Darden School, University of Virginia (\$150,000)

### **Teaching**

- 2022 Dean's List of Outstanding Teachers, UCD College of Business
- 2021-2022 Finalist, *Teaching Excellence Award*, UCD College of Business (biennial award chosen among 204+ faculty)
- 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 2<sup>nd</sup> prize, INFORMS TIMES Best Dissertation Award
- 2011–2016 INSEAD Doctoral Fellowship for Management Research (€135,000)
  - 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 Phoenix (2023), Indianapolis (2022), Seattle (2019), Phoenix (2018), Houston (2017), Nashville (2016), Philadelphia (2015), San Francisco (2014), Minneapolis (2013)

# **Teaching Experience**

- 2023- Instructor, Project Management, M.Sc. course, UCD Smurfit
- 2019– **Instructor**, *Operations*, *Innovation and Management*, MBA Core course, **UCD Smurfit** *Teaching Evaluations* (out of 5): **4.9** (2023); **4.6** (2022); **5.0** (2019).
- 2019– **Instructor** of several elective courses on Supply Chain, Logistics, Business Analytics and Marketplaces (details upon request), **UCD (Singapore Campus)**
- 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**

2023– *Committee Member*: Diversity, Equity and Inclusion (DEI) of Revenue Management and Pricing (RMP) section of INFORMS

- 2017 Board Member: Technology, Innovation Management and Entrepreneurship Section (TIMES) of INFORMS
- 2022– *VP of Communication*: POMS College of Product Innovation and Technology Management (PITM)
- 2014 Operations Academia.org: Annual Job Market Survey in Operations, job postings, candidates and placements. Trusted by 200+ universities around the world, and used by hundreds of candidates in searching for academic jobs in Operations efficiently and without paywalls. Received funding from University College London in 2024.
- 2018– Judge: MSOM SIG (7), INFORMS Behavioral Operations (1), INFORMS TIMES Best Working Paper Award (4), POM PITM Student Paper Competition (2)
  Reviewer (75 papers as of March 2024): ACM Conference on Economics and Computation (3), Management Science (10), Operations Research (3), Games and Economic Behavior (1), Manufacturing & Service Operations Management (11), Production and Operations Management (9), Other Journals/Conferences (38)

# (External) Student Supervision

- 2021– Ph.D. Thesis Committee Member: Sreyaa Guha (IE Business School → Nova School of Business and Economics, 2021), Sidika Tunc-Candogan (UCL → NUS Business School, 2022), Pranadharthiharan Narayanan (IE Business School → Nova School of Business and Economics, 2023)
- 2020–2023 *M.Sc. Thesis Advisor* (21 Theses)

### UCD, Michael Smurfit Graduate Business School

- 2021 Project Management Subject Area Coordinator (Singapore, Sri Lanka and Hong Kong)
- 2021–2023 Teaching Mentor for Dr. Heletje van Staden
- 2018–2020 Organizer, Operations Research Seminar Series
  - 2019– MBA Capstone 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–), Nireas Chalandriou

general interests 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

Senior Vice Dean for Innovation and Global Initiatives

Dhirubhai Ambani Professor of Innovation and Entrepreneurship

Professor of Operations, Information and Decisions

University of Pennsylvania, Wharton netessin@wharton.upenn.edu

### Sanjiv Erat (collaborator)

Associate Professor Innovation, Technology and Operations University of California, San Diego Rady School of Management serat@ucsd.edu

#### Nikolaos Karianakis (collaborator)

Principal Research Manager Mixed Reality, Cloud & AI Microsoft nikarian@microsoft.com

### Georgia Perakis (external)

William F. Pounds Professor of Management
Professor, Operations Research and
Statistics
MIT Sloan School of Management
EMBA Faculty Director
Co-Director, Operations Research
Center
georgiap@mit.edu

# Jeremy Hutchison-Krupat (collaborator)

Associate Professor
Innovation and Operations Management
University of Cambridge
Judge Business School
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# Kenneth C. Lichtendahl Jr. (collaborator)

Data Scientist Operations Data Science Google lichtendahlc@gmail.com