

Marios Kokkodis

marios.kokkodis@gmail.com
www.kokkodis.com
(951) 941-4357

EDUCATION 2010-2015 NYU Stern School of Business, USA. PhD in Information Systems
2008-2010 University of California Riverside, USA. M.Sc. in Computer Science
2002-2007 National Technical University of Athens, Greece. Electrical and Computer Engineering

EMPLOYMENT 09/2022 - Staff Research Data Scientist, Meta
07/2015 - 09/2022 Assistant Professor of Information Systems at Carroll School of Management, Boston College
06/2015-10/2015 Data scientist (part-time) at Upwork
05/2013-08/2013 Research scientist intern at Microsoft Research
06/2012-09/2012 Data scientist intern at oDesk
06/2011-09/2011 Data scientist intern at oDesk

ABOUT Research Data Scientist at Meta working on (1) modeling and personalizing app user traces and (2) defining, analyzing, and measuring efficiency and productivity metrics used for VP-level decision-making. Previously, my research focused on understanding various aspects of online work, and on algorithmically improving the transaction efficacy of digital workplaces. My works appear in major information systems (Management Science, Information Systems Research, MISQ, POMS, ICIS), data mining (KDD, WWW, WSDM) and multidisciplinary (Plos One) outlets. I have received several awards and nominations, including the INFORMS ISS Gordon B. Davis Young Scholar Award, the INFORMS ISS Nunamaker-Chen dissertation award, the NYU Stern Harold W. MacDowell award, and the LinkedIn economic graph challenge award.

HONORS AND AWARDS 2022 Illumination Award (recognizes influential teachers), Boston College
2021 Distinguished Service Award, Management Science
2021 Carroll School of Management **Teaching Star**
2020 INFORMS ISS Gordon B. Davis **Young Scholar Award**
2020 Distinguished Service Award, Management Science
2018 LinkedIn Economic Graph Competition
2016 International Conference on Information Systems **Best Paper Award** (nominee)
2015 INFORMS ISS Nunamaker-Chen **Dissertation Award** (runner-up)
2015 NYU Stern Harold W. MacDowell **Dissertation Award**
2014 AAAI HCOMP Doctoral Consortium
2014 INFORMS Data Mining **Best Student Paper Award** (runner-up)
2014-2015 Lee Sproull Doctoral Fellowship
2010-2014 New York University Fellowship
2002 Member of the Cyprus Biology team, International Biology Olympiad
2002 Member of the Cyprus Physics team, International Physics Olympiad

GRANTS 2016 Marios Kokkodis (PI). Understanding the Dimensions of Reputation Transferability in Online (labor) Markets. Catalyst grant, Boston College, \$15,000

TEACHING 2021 - 2022 Data Management for Analytics and Applications
2018 - 2021 Data Analytics in Practice
2018 - 2020 Data Analytics 3: In Practice

JOURNAL
PUBLICATIONS

Kokkodis Marios and Ipeirotis G. Panagiotis. The Good, the Bad, and the Unhirable: Recommending Job Applicants in Online Labor Markets. *Management Science*.

Kokkodis Marios. Adjusting Skillset Cohesion in Online Labor Markets: Reputation Gains and Opportunity Losses. *Information Systems Research*.

Kokkodis Marios, Adamopoulos Panagiotis, and Ransbotham Sam. Asymmetric Reputation Spillover Effects from Digital Agencies in Online Markets. *MIS Quarterly*.

Kokkodis Marios and Ransbotham Sam. Learning to Successfully Hire in Online Labor Markets *Management Science*.

Kokkodis Marios, Lappas Theodoros, and Kane Gerald. 2022. Optional Purchase Verification in E-commerce Platforms: More Representative Product Ratings and Higher-quality Reviews. *Production and Operations Management*.

Kokkodis Marios. 2021. Dynamic, Multi-dimensional, and Skillset-specific Reputation Systems for Online Work. *Information Systems Research*.

Kokkodis Marios and Ipeirotis G. Panagiotis. 2021. Demand-Aware Career Path Recommendations: A Reinforcement Learning Approach. *Management Science*.

Kokkodis Marios, Lappas Theodoros. 2020. Your Hometown Matters: Popularity-Difference Bias in Online Reputation Platforms. *Information Systems Research*.

Kokkodis Marios, Lappas Theodoros, and Ransbotham Sam. 2020. From Lurkers to Workers: Predicting Voluntary Contribution and Community Welfare. *Information Systems Research*.

Pelechrinis Konstantinos, Zacharias Christos, **Kokkodis Marios**, and Lappas Theodoros. 2017. Economic Impact and Policy Implications from Urban Shared Transportation: The case of Pittsburgh's Shared Bike System. *PLOS One*.

Kokkodis Marios and Ipeirotis G. Panagiotis. 2016. Reputation Transferability in Online Labor Markets. *Management Science*.

WORK IN
PROGRESS

Kokkodis Marios. Reskilling for the Future of Work: Dynamic Skill Value, Diversification Trade-offs, and Intervention Efficacy

Teodorescu Mike H., Ordabayeva Nailya, and **Kokkodis Marios**. Determining systematic differences in human graders for machine learning-based automated hiring. (published by the *Brookings Institute*)

Kokkodis Marios and Ransbotham Sam. When to Trust and Distrust Artificial Intelligence.

Ransbotham Sam and **Kokkodis Marios**. Learning New Hiring Practices in Dynamic Online Labor Markets.

CONFERENCE
PUBLICATIONS
(REFEREED)

Kokkodis Marios. 2019. Reputation Deflation Through Dynamic Expertise Assessment in Online Labor Markets. ACM World Wide Web Conference (*WWW*).

Kokkodis Marios. 2018. Dynamic Recommendations for Sequential Hiring Decisions in Online Labor Markets. ACM International Conference on Knowledge Discovery and Data Mining (*KDD*).

Kokkodis Marios and Theodoros Lappas. 2016. Realizing the Activation Potential of Online Communities. International Conference on Information Systems (*ICIS*). (**Nominated for best paper award.**)

Kokkodis Marios and Theodoros Lappas. 2016. The Relationship Between Disclosing Purchase Information and Reputation Systems in Electronic Markets. International Conference on Information Systems (*ICIS*).

Kokkodis Marios, Papadimitriou Panagiotis and Ipeirotis G. Panagiotis. 2015. Hiring Behavior Models for Online Labor Markets. ACM International Conference on Web Search and Data Mining (*WSDM*).

Kokkodis Marios and Ipeirotis G. Panagiotis. 2014. The Utility of Skills in Online Labor Markets. International Conference on Information Systems (*ICIS*).

Kokkodis Marios, Anitha Kannan, and Krishnaram Kenthapadi. 2014. Assigning Educational Videos at Appropriate Locations in Textbooks. International Educational Data Mining Society (*EDM*).

Kokkodis Marios, Kannan Anitha, and Krishnaram Kenthapadi. 2014. Assigning Videos to Textbooks at Appropriate Granularity. ACM Learning at Scale Conference (*LAS*).

Kokkodis Marios and Ipeirotis G. Panagiotis. 2013. Have you Done Anything Like That? Predicting User Performance Using Inter-category Reputation. ACM International Conference on Web Search and Data Mining (*WSDM*).

Kokkodis Marios. 2012. Learning from Positive and Unlabeled Amazon Reviews: Towards Identifying Trustworthy Reviewers. ACM World Wide Web Conference (*WWW*).

PRESENTATIONS

2022 Demand-Aware Career Path Recommendations: A Reinforcement Learning Approach. *Goizueta Business School, Emory University*

2021 Skillset Diversification in Online Labor Markets: Reputation Losses and Opportunity Gains. *Carlson School of Management, University of Minnesota*

2020 When to Trust and Distrust AI. Symposium on Statistical Challenges in Electronic Commerce Research (SCECR)

2019 AI-driven Career Path Recommendations. *Harvard Medical School*

2019 Diversify or Specialize? Demand-Reputation Trade-offs and Career Paths in Online Labor Markets. Workshop on Information Systems and Economics (WISE)

2019 Diversify or Specialize? Demand-Reputation Trade-offs and Career Paths in Online Labor Markets. Conference on Information Systems and Technology (CIST)

2019 Managing User Activation in Online Communities. INFORMS Annual Meeting

2018 Expertise Assessment and Reputation Deflation in Online Labor Markets. INFORMS Workshop on Data Science.

2016 Online Labor Markets. *Northeastern University*

2016 The Invisible Barrier: The Effect of Promoting Agencies on Sales in Electronic Markets. Twelfth Symposium on Statistical Challenges in Electronic Commerce Research (SCECR)

2016 Understanding The Process Of Generating Online Content For Increasing User Participation. Winter Conference on Business Intelligence.

2015 The Effect of Promoting Agencies on Sales in Electronic Markets. INFORMS Annual Meeting

2015 Disclosing Purchase Information and Review Helpfulness. INFORMS

2015 The Effect of Disclosing Purchase Information on Review Helpfulness: Evidence from Amazon. Conference on Information Systems and Technology (CIST).

2014 On Hiring Decisions in Online Labor Markets. Workshop on Information Systems Economics (WISE).

2014 Online Labor Markets: Reputation Transferability, Career Development Paths and Hiring Decisions. Doctoral Consortium, AAAI Conference on Human Computation & Crowdsourcing (HCOMP).

2013 Who Should I Hire? Maximizing Employer's Utility in Online Labor Markets. Winter Conference on Business Intelligence.

2013 Credibility Dimensions in Online Reviews. Winter Conference on Business Intelligence.

2013 Maximizing Employer's Utility in Online Labor Markets. INFORMS Annual Meeting

2013 Reputation Transferability in Online Labor Markets. INFORMS Annual Meeting

2012 Where are you Coming from, Stranger? Predicting Future Performance Using Inter-category Reputation. Winter Conference on Business Intelligence.

PATENTS

Kannan Anitha, Krishnaram Kenthapadi, and **Kokkodis Marios**. Associating content items with document sections. *US Patent 10,216,833*.

SELECTED SERVICE

Reviewer: Management Science, Information Systems Research, MIS Quarterly, Research Policy, Manufacturing & Service Operations Management, Production and Operations Management, INFORMS Journal on Computing, Decision Sciences, Journal of the Association for Information Systems, Journal of Artificial Intelligence Research, Transactions on Knowledge and Data Engineering, Oxford Bulletin of Economics and Statistics, Information & Management

Associate Editor: International Conference on Information Systems (ICIS)

Program Committee: The Web Conference (WWW), INFORMS Conference on Information Systems and Technology (CIST), Workshop on Information Technologies and Systems (WITS), Symposium on Statistical Challenges in E-commerce Research (SCECR), IJCAI Special Track on AI and the Web, ACM Conference on Economics and Computation (EC)

REFERENCES

Panos Ipeirotis, Professor and David Margolis Teaching Excellence Faculty Fellow, New York University (Email: panos@stern.nyu.edu)

Robert Fichman, Professor and Chairperson Clark Family Faculty Fellow, Boston College (Email: robert.fichman@bc.edu)

Sam Ransbotham, Professor, Boston College (Email: sam.ransbotham@bc.edu)

Gerald Kane, Professor, University of Georgia (Email: gerald.kane@uga.edu)