

# Marios Kokkodis

ASSISTANT PROFESSOR OF INFORMATION SYSTEMS

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**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. Ptychion in Electrical and Computer Engineering (5-year program)

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**RESEARCH INTERESTS**      Online labor markets, worker reputation, reskilling, career paths, employer-worker matching

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**EMPLOYMENT**      07/2015 - Assistant Professor of Information Systems at Carroll School of Management, Boston College  
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

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**TEACHING**      2021 Data Management for Analytics and Applications  
2018 - 2021 Data Analytics in Practice  
2016 - 2017 Analytics and Business Intelligence  
2014 Dealing with Data

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

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**HONORS AND AWARDS**      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

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**JOURNAL PUBLICATIONS**      **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*.

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MINOR REVISION PAPERS **Kokkodis Marios** and Ransbotham Sam. Employer Learning and Risk Adjustment: Towards Successful Hiring in Online Labor Markets. *Management Science*.

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PAPERS IN LATE ROUNDS **Kokkodis Marios** and Ipeirotis G. Panagiotis. The Good, the Bad, and the Unhirable: Recommending Job Applicants in Online Labor Markets. (4<sup>th</sup> round, *Management Science*)

**Kokkodis Marios**. Skillset Diversification in Online Labor Markets: Reputation Losses and Opportunity Gains. (3<sup>rd</sup> round, *Information Systems Research*)

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

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

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WORKING PAPERS Teodorescu Mike H., Ordabayeva Nailya, and **Kokkodis Marios**. Human vs. Machine: Biases in Hiring Decisions. (sponsored 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.

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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 Pur-

chase 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*).

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CONFERENCES  
WITHOUT  
PROCEEDINGS  
(REFEREED)

**Kokkodis Marios** and Ransbotham Sam. 2020. When to Trust and Distrust AI. Symposium on Statistical Challenges in Electronic Commerce Research (SCECR).

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

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

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

**Kokkodis Marios** and Lappas Theodoros. 2016. Understanding The Process Of Generating Online Content For Increasing User Participation. Winter Conference on Business Intelligence.

Pelechrinis Konstantinos, Wei Dong and **Kokkodis Marios**. 2015. Assortativity Patterns in Multidimensional Attributed Networks: a Statistical Approach. Workshop on Information in Networks (WIN).

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

**Kokkodis Marios** Papadimitriou Panagiotis, Ipeirtotis, G, Panagiotis. 2014. On Hiring Decisions in Online Labor Markets. Workshop on Information Systems Economics (WISE).

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

**Kokkodis Marios**, Papadimitriou Panagiotis, Ipeirtotis, G, Panagiotis. 2013. Who Should I Hire? Maximizing Employer's Utility in Online Labor Markets. Winter Conference on Business Intelligence.

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

**Kokkodis Marios** and Ipeirotis G. Panagiotis. 2012. Where are you Coming from, Stranger? Predicting Future Performance Using Inter-category Reputation. Winter Conference on Business Intelligence.

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## PATENTS

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

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## SERVICE

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

Associate Editor: International Conference on Information Systems (ICIS)

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

Judge: INFORMS Student Data Mining Competition  
Session Chair: Consumers, Markets, and Economy. INFORMS Workshop on Data Science  
Session Chair: Big Data in Business. International Conference on Information Systems (ICIS)  
Web Chair: Conference on Human Computation & Crowdsourcing (HCOMP)