

KOSTAS BIMPIKIS

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ACADEMIC APPOINTMENTS

| | |
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| Graduate School of Business Stanford University | Stanford, CA |
| Associate Professor of Operations, Information, and Technology | 2015-present |
| Assistant Professor of Operations, Information, and Technology | 2011-2015 |

PROFESSIONAL EMPLOYMENT

| | |
|---------------------------------------|---------------|
| Microsoft Research New England | Cambridge, MA |
| Post-doctoral Research Fellow | 2010-2011 |
| Hewlett Packard Labs | Palo Alto, CA |
| Summer Intern | Summer 2008 |

EDUCATION

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|--|----------------|
| Massachusetts Institute of Technology | Cambridge, MA |
| Operations Research Center | August 2010 |
| Ph.D. in Operations Research | |
| Advisors: Prof. Daron Acemoglu and Prof. Asu Ozdaglar | |
| University of California, San Diego | La Jolla, CA |
| Department of Computer Science and Engineering | August 2005 |
| M.S. in Computer Science | |
| National Technical University of Athens, Greece | Athens, Greece |
| Department of Electrical and Computer Engineering | June 2003 |
| B.S. in Electrical Engineering | |

PROFESSIONAL SERVICE

Stanford GSB

Co-liaison: OIT PhD Program (2014-present)

Organizer: OIT Seminar Series (2012-2017)

Academic Community

Associate Editor: Management Science

Associate Editor: Operations Research

Associate Editor (Guest): MS&OM (*Special Issue on the Sharing Economy*)

Co-organizer: 2019 INFORMS RM&P Conference

Program Committees: EC (2016, 2018, 2019), NetEcon (2011, 2013, 2015), WIDS 2012, WINE 2010

Referee:

- Operations Research, Management Science, Manufacturing & Service Operations Management, Mathematics of Operations Research, Production and Operations Management
- Econometrica, Review of Economic Studies, Quarterly Journal of Economics, Theoretical Economics, Journal of Economic Theory, AEJ: Microeconomics, Games and Economic Behavior
- IEEE Transactions on Automatic Control

Judge: Nicholson Student Paper Competition (2012-2014)

Judge: MSOM Student Paper Competition (2012-2017)

Judge: POMS College of Supply Chain Management Student Paper Competition (2015-2017)

JOURNAL PUBLICATIONS

- (1) **Spatial Pricing in Ride-Sharing Networks**
(with Ozan Candogan and Daniela Saban)
Forthcoming in Operations Research
- (2) **Supply Disruptions and Optimal Network Structures**
(with Ozan Candogan and Shayan Ehsani)
Forthcoming in Management Science
- (3) **Cournot Competition in Networked Markets**
(with Shayan Ehsani and Rahmi Ilklic)
Forthcoming in Management Science
- (4) **Designing Dynamic Contests**
(with Shayan Ehsani and Mohamed Mostagir)
Forthcoming in Operations Research
- (5) **Information Sale and Competition**
(with Davide Crippis and Alireza Tahbaz-Salehi)
Forthcoming in Management Science
- (6) **Multi-Sourcing and Miscoordination in Supply Chain Networks**
(with Doug Fearing and Alireza Tahbaz-Salehi)
Operations Research, 66(4), July-August 2018
- (7) **Crowdsourcing Exploration**
(with Yiangos Papanastasiou and Nicos Savva)
Management Science, 64(4), April 2018
- (8) **Learning and Hierarchies in Service Systems**
(with Mihalis G. Markakis)
Forthcoming in Management Science
- (9) **Randomized Markdowns and Online Monitoring**
(with Ken Moon and Haim Mendelson)
Management Science, 64(3), March 2018

- (10) **Dynamic Learning of Patient Response Types: An Application to Treating Chronic Diseases**
 (with Diana Negoescu, Margaret Brandeau, and Dan Iancu)
Management Science, 64(8), August 2018
 - *Finalist for the 2014 Pierskalla Award.*
- (11) **Competitive Targeted Advertising over Networks**
 (with Asu Ozdaglar and Ercan Yildiz)
Operations Research, 64(3), May-June 2016
- (12) **Inventory Pooling with Heavy-Tailed Demand**
 (with Mihalis G. Markakis)
Management Science, 62(6), June 2016
- (13) **Dynamics of Information Exchange in Endogenous Social Networks**
 (with Daron Acemoglu and Asu Ozdaglar)
Theoretical Economics, 9(1), January 2014
- (14) **Optimal Pricing in Networks with Externalities**
 (with Ozan Candogan and Asu Ozdaglar)
Operations Research, 60(4), July-August 2012
- (15) **Experimentation, Patents, and Innovation**
 (with Daron Acemoglu and Asu Ozdaglar)
American Economic Journal: Microeconomics, 3(1), February 2011
- (16) **Price and Capacity Competition**
 (with Daron Acemoglu and Asu Ozdaglar)
Games and Economic Behavior, 66(1), May 2009

PAPERS UNDER REVIEW

- (17) **Managing Market Thickness in Online B2B Markets**
 (with Wedad J. Elmaghraby, Ken Moon, and Wenchang Zhang)
 - *Winner of the 2017 Service Science Section Student Paper Award (for W Zhang)*
Major Revision at Management Science
- (18) **Government Interventions in Promoting Sustainable Practices in Agriculture**
 (with Duygu Akkaya and Hau Lee)
Major Revision at MS&OM

WORKING PAPERS

- (19) **Disclosing Information in Strategic Experimentation**
 (with Kimon Drakopoulos)
- (20) **Information Disclosure in Service Platforms: Optimizing for Supply**
 (with Yiangos Papanastasiou and Wenchang Zhang)

OTHER PUBLICATIONS

(21) Inducing Exploration in Service Platforms

(with Yiangos Papanastasiou)

Chapter in *Sharing Economy: Making Supply Meet Demand*, M. Hu (Ed.)

Springer Series in Supply Chain Management, C. Tang (Series Ed.)

PEER-REVIEWED CONFERENCE PUBLICATIONS (PARTIAL LIST)

(C1) Spatial Pricing in Ride-Sharing Networks

(with Ozan Candogan and Daniela Saban)

*Workshop on the Economics of Networks, Systems and Computation (NetEcon), 2017***(C2) Designing Dynamic Contests**

(with Shayan Ehsani and Mohamed Mostagir)

*ACM Economics and Computation (EC), 2015***(C3) Cournot Competition in Networked Markets**

(with Shayan Ehsani and Rahmi Ilkilic)

*ACM Economics and Computation (EC), 2014***(C4) Optimal Pricing in Networks with Local Network Effects**

(with Ozan Candogan and Asu Ozdaglar)

*Workshop in Network Economics (WINE), 2010***(C5) Forming Information Networks**

(with Daron Acemoglu and Asu Ozdaglar)

*Allerton, 2010***(C6) Communication and Learning in Social Networks: Partial Results**

(with Daron Acemoglu and Asu Ozdaglar)

*Allerton, 2009***(C7) Competition with Atomic Users**

(with Asu Ozdaglar)

*Asilomar, 2007***(C8) Partial Results on Capacity Competition**

(with Daron Acemoglu and Asu Ozdaglar)

*Allerton, 2006***PHD STUDENTS**

Current**Wenchang Zhang**, University of Maryland (co-advised with Wedad Elmaghraby)Past**Ken Moon**, Stanford GSB (co-advised with Haim Mendelson)

Placement: Assistant Professor at Wharton

Shayan Ehsani, Stanford MS&E

Placement: Uber Technologies

Yiangos Papanastasiou, LBS (co-advised with Nicos Savva)

Placement: Assistant Professor at UC Berkeley Haas

Diana Negoescu, Stanford MS&E (co-advised with Margaret Brandeau and Dan Iancu)
Placement: Assistant Professor at University of Minnesota

Duygu Akkaya, Stanford GSB (co-advised with Hau Lee)
Placement: Facebook Data Science

TEACHING EXPERIENCE

Graduate School of Business, Stanford University

Instructor

OIT 245: Optimization and Simulation Modeling - Base (core MBA class)

OIT 247: Optimization and Simulation Modeling - Accelerated (core MBA class)

OIT 668: Dynamic Pricing and Revenue Management (PhD class)

Massachusetts Institute of Technology

Teaching Assistant

6.207/14.15: Networks

6.252: Nonlinear Programming

GRANTS, HONORS, AWARDS

Winner of the LinkedIn Economic Graph Challenge

IBM Service Science Best Student Paper Award (first place) for student, Wenchang Zhang

POMS Supply Chain College Best Student Paper Competition (finalist) for student, Wenchang Zhang

Management Science Distinguished Service Award (2014, 2016, 2017, 2018)

Management Science Meritorious Service Award (2013, 2015)

Operations Research Meritorious Service Award

Stanford Cyber Initiative Grant: "Privacy and Information Sharing in Networked Markets" (with Y Gur)
Total amount US\$50,000 for 2016-2017

NSF Grant: "Selling to Networked Markets" (with I Lobel)
Total amount US\$100,000 for 2012-2013

INFORMS Health Applications William Pierskalla best paper award (finalist) for
"Dynamic Learning of Patient Response Rates: An Application to Treating Chronic Diseases"

MIT Presidential Scholarship

UCSD Graduate Fellowship and Award for Academic Excellence

IKY, Greece Award for Academic Excellence (2000, 2003).

Greek National Mathematical Competition (silver medal)

INVITED TALKS

-
- 2019** Stony Brook Conference on Game Theory (semi-plenary, scheduled)
University of British Columbia (scheduled)
HEC Paris (scheduled)
- 2018** Operations Research and Industrial Engineering, UT Austin
Dept of Industrial and Systems Eng, University of Minnesota
Bocconi School of Management
Wharton San Francisco/Marketing Science Institute
Workshop on New Perspectives on Marketing Analytics
Utah Eccles School of Business
UPenn Warren Center for Network and Data Sciences
Workshop on Trade and Diffusion of Shocks in Networks
- 2017** Duke Fuqua School of Business
Microsoft Research, New England
UCLA Anderson School of Management
Wharton
Michigan Ross School of Business
Lyft Data Science
Imperial College
Université Paris 1 Panthéon-Sorbonne
University of Toronto
Workshop on Stochastic Methods in Game Theory, Erice Italy
- 2016** Market Innovation Workshop, NYU
UC Berkeley Economics
- 2015** Facebook Core Data Science
Graduate Summer School: Games and Contracts for Cyber-Physical Security
Institute for Pure & Applied Mathematics (IPAM) at UCLA
MIT Sloan School of Management
Graduate School of Business, Columbia University
Stern School of Business, NYU
Haas School of Business, UC Berkeley
McCombs School of Business, UT Austin
- 2014** Universitat Pompeu Fabra, Microeconomics Seminar Series
IESE Business School
Booth School of Business, University of Chicago
Tepper School of Business, Carnegie Mellon University
Stanford Graduate School of Business

Santa Clara University
Kaggle Research Seminar, San Francisco
London Business School
INSEAD
UCSD Rady School of Management

2013 Society for the Advancement of Economic Theory (SAET) Conference, Paris

2012 Technicolor Research Seminar, Palo Alto
RAIN Seminar, Stanford University

2011 London Business School
The Fuqua School of Business, Duke University
Microsoft Research, Cambridge, UK

2010 Columbia Business School
Stanford Graduate School of Business
Stephen M. Ross School of Business, University of Michigan
Marshall School of Business, University of Southern California
Booth School of Business, University of Chicago
Harvard Business School
Department of Electrical and Systems Engineering, University of Pennsylvania
Microsoft Research, New England