

# Nicolas S. Lambert

## Contact Information

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## Academic Employment

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2016–2017	Visiting Assistant Professor, Cowles Foundation and Economics Department, Yale University
July–December 2016	Visiting Researcher, Microsoft Research
2010–present	Assistant Professor of Economics, Stanford Graduate School of Business

## Fields of Interest

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Microeconomic Theory, Economics of Information, Finance, Market Design, Algorithmic Game Theory

## Education

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Ph.D. in Computer Science, Stanford University, 2010  
Ph.D. minor in Psychology, Stanford University, 2010  
MSc. in Computer Science, Stanford University, 2009  
Graduate of the Corps des Mines, Government and Business Program, 2005  
BSc. in Mathematics and Economics, Ecole Polytechnique, 2002

## Grants, Fellowships, Honors

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2011–2015	NSF Research Grant “Information Elicitation and Aggregation in Market Mechanisms” (jointly with Michael Ostrovsky)
2011	Arthur L. Samuel Award for the best thesis in the Computer Science Department, Stanford University
2009–2011	Google Fellowship on Market Algorithms
2009	ACM EC Best Paper Award and Best Student Paper
2008	ACM EC Best Paper Award
2002–2005	Corps des Mines, Full Fellowship
1999–2002	Ecole Polytechnique, Full Fellowship

## Working Papers

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- “Communication in a Complicated World” (with Steven Callander and Niko Matouschek), 2017.
- “Quadratic Games” (with Giorgio Martini and Michael Ostrovsky), 2017.
- “Motivational Ratings” (with Johannes Hörner), 2017. *Revision requested by the Review of Economic Studies.*

- “Dynamic Belief Elicitation” ((with Christopher Chambers), 2017. *Revision requested by Econometrica*).
- “Strategic Trading in Informationally Complex Environments” ((with Michael Ostrovsky and Mikhail Panov), 2017. *Revised and resubmitted to Econometrica (2nd round)*).
- “On Equilibria on Games with Imperfect Recall” (with Adrian Marple and Yoav Shoham), 2016. *Revision requested by Games and Economic Behavior*.
- “Preference Identification” (with Christopher Chambers and Federico Echenique), 2017.
- “Collective choice in Dynamic Public Good Provision” (with Renee Bowen and George Georgiadis), 2017.
- “Dual Scoring” (with Christopher Chambers and Paul J Healy), 2017.
- “Elicitation and Evaluation of Statistical Forecasts” , 2013.
- “Judgment Error in Lottery Play: When the Hot-Hand Meets the Gambler’s Fallacy” (with Qingxia Kong and Chung-Piaw Teo), 2013.
- “Probability Elicitation for Agents with Arbitrary Risk Preferences” , 2011.

## Peer-Reviewed Publications

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### **Economic Journals:**

- “An Axiomatic Characterization of Wagering Mechanisms” (with Yiling Chen, John Langford, David Pennock, Daniel Reeves, Yoav Shoham and Jennifer Wortman Vaughan). *Journal of Economic Theory*, Vol. 156, March 2015, pp. 389–416.
- “Mostly Calibrated” (with Yossi Feinberg). *International Journal of Game Theory*, Vol. 44(1), February 2015, pp. 153–163.
- “Auctions for Social Lending: A Theoretical Analysis” (with Ning Chen and Arpita Ghosh). *Games and Economic Behavior*, Vol. 86, July 2014, pp. 367–391.

### **Computer Science Conference Proceedings:**

- “Only Valuable Experts Can Be Valued” (with Moshe Babaioff, Liad Blumrosen and Omer Reingold), *ACM EC 2011*.
- “Eliciting Truthful Answers to Multiple-Choice Questions” (with Yoav Shoham), *ACM EC 2009*.<sup>1</sup>
- “Social Lending” (with Ning Chen and Arpita Ghosh), *ACM EC 2009*.
- “Truthful Surveys” (with Yoav Shoham), *WINE 2008*.

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<sup>1</sup>Winner of the ACM EC best paper and best student paper awards.

- “Eliciting Properties of Probability Distributions” (with David Pennock and Yoav Shoham), *ACM EC 2008*.
- “Self-Financed Wagering Mechanisms for Forecasting” (with Yiling Chen, John Langford, David Pennock, Daniel Reeves, Yoav Shoham and Jennifer Wortman Vaughan), *ACM EC 2008*.<sup>2</sup>
- “Complexity of Combinatorial Market Makers” ((with Yiling Chen, Lance Fortnow, David Pennock and Jenn Wortman Vaughan), *ACM EC 2008*.
- “Near-Optimal Search in Continuous Domains” (with Ronen Brafman, Samuel leong and Yoav Shoham), *AAAI 2007*.
- “Asymptotically Optimal Repeated Auctions for Sponsored Search” (with Yoav Shoham), *ICEC 2007*.

## Other Publications

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- “Les Entreprises face à la Politique Européenne de la Concurrence” (with Emmanuel Farhi). *Presses de l'École des Mines*, ISBN 291176272X. Our book reports on the evolution of the European antitrust policy and merger regulations.
- “Introduction to Dynamic Belief Elicitation” (with Christopher Chambers). *SIGecom Exchanges*, Vol. 14(1), June 2015.
- “Eliciting Properties of Probability Distributions: The Highlights” (with David Pennock and Yoav Shoham). *SIGecom Exchanges*, Vol. 7(3), November 2008.

## Academic Services

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Referee for American Economic Journal: Microeconomics, American Economic Review, Annals of Statistics, Econometrica, *Economica*, Economic Theory, Games and Economic Behavior, Journal of Economic Theory, Journal of Political Economy, National Science Foundation, Operations Research, Review of Economic Studies, Theoretical Economics, Transactions on Economics and Computation.

Past or current committee member of the ACM Conference on Economics and Computation (ACM EC), the Association for the Advancement of Artificial Intelligence (AAAI), the International Workshop On Internet And Network Economics (WINE), the International Conference on Learning Theory (COLT), the International Conference on Autonomous Agents and Multiagent Systems (AAMAS).

## Teaching

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- Fall 2017: Financial Economics (Undergraduate Course, taught at Yale)
- Winter 2014, 2015, 2016: Managerial Economics Accelerated (MBA Course)
- Winter 2016: Topics in Continuous Time Dynamics (PhD Course)
- Spring 2013, 2014: Topics in Economics of Information (PhD course)
- Winter 2013: Economics for Non-Econ Majors (Undergraduate course)
- Winter 2011, 2012: Managerial Economics (MBA course)

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<sup>2</sup>Co-winner of the ACM EC best paper award.