

Harry PEI

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Research Interests

Game Theory, Monotone Methods, Political Economy, Law and Economics.

Employment

Assistant Professor in Economics, Northwestern University, Evanston, IL (2018 -)

Education

PhD in Economics, MIT, Cambridge, MA (2013 - 2018)

Thesis Committee: Daron Acemoglu, Drew Fudenberg, Juuso Toikka, and Alexander Wolitzky.

MA in Economics, Toulouse School of Economics, Toulouse, France (2011 - 2013)

BA in Mathematics, Tsinghua University, Beijing, China (2007 - 2011)

Honors & Awards

Review of Economic Studies European Tour 2018.

NSF Grant Recipient SES-1947021 “Monotone Methods in Reputations: Behavioral Predictions and Reputation Sustainability” (2020-2023).

Robert Solow Prize for Graduate Student Excellence in Research and Teaching, MIT.

Best TA of the Year Award, Department of Economics, MIT.

Ho-Ching and Han-Ching Scholarship, MIT.

Department of Economics Fellowship, MIT.

Jean-Jacques Laffont Fellowship, Toulouse School of Economics.

Published Papers

1. Reputation Effects under Interdependent Values. *Econometrica*, 88(5), 2175-2202.
2. Reputation Building under Observational Learning. *Review of Economic Studies*, forthcoming.
3. Trust and Betrayals: Reputational Payoffs and Behaviors without Commitment. *Theoretical Economics*, 16(2), 449-475.
4. Reputation for Playing Mixed Actions: A Characterization Theorem. *Journal of Economic Theory*, 201, 105438.
5. Equilibrium Behaviors in Reputation Games. (with Yingkai Li) *Journal of Economic Theory*, 193, 105222.
6. A Reputation for Honesty. (with Drew Fudenberg and Ying Gao) *Journal of Economic Theory*, 204, 105508.
7. Communication with Endogenous Information Acquisition. *Journal of Economic Theory*, 160, 132-149.
8. Monotone Equilibria in Signalling Games. (with Shuo Liu) *European Economic Review*, 124, 103408.
9. When Does Restricting Your Opponent’s Freedom Hurt You? *Games and Economic Behavior*, 100, 234-239.

Working Papers

10. Building Reputations via Summary Statistics.
11. Repeated Communication with Private Lying Cost.
12. Robust Implementation with Costly Information. (with Bruno Strulovici)
13. Reputational Bargaining with Unknown Values. (with Maren Vairo)
14. Crime Aggregation, Deterrence, and Witness Credibility. (with Bruno Strulovici)
15. Building Trust in Government: The Opportunities and Challenges of Adverse Shocks. (with Avidit Acharya and Edoardo Grillo)
16. Misspecified Beliefs about Time Lags. (with Yingkai Li)
17. Reputation with Strategic Information Disclosure.

Professional Activities

Reviewer: National Science Foundation, *Econometrica*, *Review of Economic Studies*, *Journal of Political Economy*, *American Economic Review*, *Quarterly Journal of Economics*, *AER Insights*, *AEJ-Micro*, *AEJ-Policy*, *Journal of Finance*, *Journal of Economic Theory*, *Theoretical Economics*, *Games and Economic Behavior*, *RAND Journal of Economics*, *Journal of the European Economic Association*, *International Economic Review*, *Journal of Mathematical Economics*, *Economic Letters*, *Journal of Law Economics and Organization*, *Journal of Economic Behavior and Organization*, *Journal of Public Economic Theory*, *Scandinavian Journal of Economics*.

Seminars: 2021-22 Columbia University, Stanford GSB, CMU-University of Pittsburgh, UC Riverside, HKU-HKUST-CUHK joint theory seminar, Ecole Polytechnique, Paris Game Theory Seminar, IAE-CSIC and Autonomous University of Barcelona, **2020-21** University of Michigan, UCLA, Aalto University, Bilkent University, Peking University, Seminar in Economic Theory (SET), Virtual Formal Theory Workshop, One World Mathematical Game Theory Seminar. **2019-20** Paris School of Economics, Toulouse School of Economics, Ohio State University, Michigan State University, University of Wisconsin Milwaukee, Ecole Polytechnique, University of Warwick, Singapore Management University, Nanyang Technological University, McMaster University. **2018-19** University of Pennsylvania, Duke-UNC, University of Chicago, University of Texas Austin, University of Rochester, University of Toronto, University of Carlos III Madrid, CEMFI, MIT Sloan, Shanghai University of Finance and Economics, Tsinghua University, Peking University, Paris Game Theory Seminar, HEC Paris, University College London, Pennsylvania State University, Western University, ITAM. **2017-18** Princeton University, Harvard University, Northwestern University, UC Berkeley, Kellogg MEDS, University of Southern California, Queen Mary University of London, CERGE-EI Prague, University of Copenhagen, ITAM, Durham Business School, University of Warwick.

Conferences: AEA-ASSA Meeting (2022, 2021, 2020, 2015, 2013), Conference for Drew Fudenberg's 65th birthday (2022), KIT-Paris-ZEW Market Design Workshop (2022), 6th Bargaining Workshop in Heidelberg (2022), Northwestern-Toulouse IO Conference (2022), Canadian Economic Theory Conference (2022, 2020), Cowles Theory Conference (2021), Theory Conference at Collegio Carlo Alberto (2021), Conference on Network Science (2021), Northwestern Law and Economics Conference (2021), Tsinghua University Alumni Conference (2021), Midwest Theory Conference (2021), SITE Political Economy Session (2020), UC Riverside Theory Workshop (2020), Transatlantic Theory Workshop (2021, 2019, 2018), Midwest Economic Theory Conference (2021), SITE Dynamic Game Session (2018,2016), SAET Conference (2019), Stony Brooks Game Theory Conference (2019), Arizona State University Theory Conference (2018), Minnesota-Chicago Accounting Theory Conference

(2018), Communication Workshop in Montréal (2018), Kansas Theory Workshop (2018), Tsinghua BEAT Workshop (2018), Norms Actions and Games Workshop (2016).

Scheduled: NYU, University of Pennsylvania, University of Bonn, Bocconi University, EPGE-FGV, 8th Relational Contract Workshop, Transatlantic Theory Workshop, SEA conference.

Teaching

Instructor for *Intermediate Microeconomics* (Spring 2019, 2020), *Economic Theory and Methods* (Spring 2021, 2022), and *Economics of Information* (Spring 2020) at Northwestern University.

Invited guest lectures on *Reputation Models* at Columbia University (Fall 2021) and Pennsylvania State University (Spring 2019).

TA for *Decision Theory* (14.123), *Contract Theory* (14.281), *Organizational Economics* (14.282), *Advanced Organizational Economics* (14.283), and *Game Theory* (14.12) at MIT.

References

Daron Acemoglu, Professor of Economics, MIT. Email: daron@mit.edu

Drew Fudenberg, Professor of Economics, MIT. Email: drew.fudenberg@gmail.com

Bruno Strulovici, Professor of Economics, Northwestern. Email: b-strulovici@northwestern.edu

Juuso Toikka, Associate Professor of Economics, Wharton. Email: toikka@wharton.upenn.edu

Alexander Wolitzky, Professor of Economics, MIT. Email: wolitzky@mit.edu

Personal Information

Chinese citizen, US permanent resident.