

Selman Erol

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Positions

Assistant Professor of Economics, C.M.U. Tepper School of Business, 07/2017 - current.
Postdoctoral Associate, M.I.T. Department of Economics, hosted by Daron Acemoglu, 08/2016 - 07/2017

Education

Ph.D. Economics, University of Pennsylvania, 2016

Thesis title: Network Formation and Its Impact on Systemic Risk

Committee: Rakesh Vohra (chair), Guillermo Ordonez, Andrew Postlewaite, Camilo Garcia-Jimeno.

M.A. Economics, Bilkent University, 2009

B.Sc. Mathematics, Bilkent University, 2007

Research

Research Interests: Network Formation, Financial Networks, Economic Theory.

Working Papers

- Interbank Networks in the Shadows of the Federal Reserve Act (with Haelim Anderson and Guillermo Ordonez)
- Insider Networks (with Michael Junho Lee)
- Network Hazard and Bailouts (Best Job Market Paper Runner-up Prize, Finance Theory Group)
- Network Formation and Systemic Risk (with Rakesh Vohra)

Work in Progress

- Inefficient Lending Chains and Financial Collapse (with Daron Acemoglu)
- Excessive Complexity in Financial Products (with Daron Acemoglu)
- Civil Liberties and Social Structure (with Camilo Garcia-Jimeno)
- The Effects of Mandating Clearing in Networks (with Pablo D'Erasmus and Guillermo Ordonez)
- Graphons and Contagion (with Asu Ozdaglar, Francesca Parise, and Alex Teytelboym)

Published Papers

- Network Reactions to Banking Regulations
(with Guillermo Ordonez, at Journal of Monetary Economics CRNYU, 2017)
- Negative Certainty Independence without Betweenness
(with David Dillenberger, at Economics Letters, 2013)
- Existence, Optimality and Dynamics of Equilibria with Endogenous Time Preference
(with Cuong LeVan and Cagri Saglam, at Journal of Mathematical Economics, 2011)

Professional Activities

Seminars

2019: Stony Brook / EIEF / Bristol / Edinburgh / Cambridge / Oxford / Oxford Said Finance / LBS / PSE / IESE / 2018: Sabanci SOM / Cleveland FED / Bilkent / UMiami / Cal State East Bay 2017: Yale SOM Marketing / Office of Financial Research / MIT LIDS / UPitt / PUCC / 2016: UNC Chapel Hill, Economics / Columbia INET / Boston University, Economics / University of Rochester, Economics / JHU Carey, Finance / UMD Smith, Finance / CMU Tepper, Economics / MIT Sloan, Finance / 2015: Philadelphia FED / CMU Tepper Economics.

Conferences

Scheduled: NSF Network Science / PETCO / Barcelone GSE / CEA (invited) / SIAM-FME (invited) / SED St. Louis (invited) 2018: LAEF OTC / UPenn Warren Center (invited) / Columbia INET (invited) / NSF Network Science / 2017: SED Edinburgh / FTG London / NASN Washington D.C. / LAEF OTC, UCSB / 2016: The Interplay of Financial Regulations, Resilience, and Growth Conference, Philadelphia FED (invited) / CRNYU Conference / Bosphorus Workshop of Economic Design / Econometric Society Summer Meeting, UPenn / NSF Network Science in Economics Conference, Stanford 2015: Midwest Economics Theory and International Trade Meetings, PSU / 11th World Congress of the Econometric Society / 3rd Summer School of the Econometric Society, University of Tokyo / NSF Network Science in Economics Conference, Harvard.

Discussions

"Illiquidity Spirals in Coupled OTC Markets" (Aymanss, Georg, Golub) FED/UMD STFM 2019
 "Expectations, Networks, and Conventions" (Golub, Morris), Yale Cowles Macro 2017
 "Bank Networks and Systemic Risk: Evidence from the National Banking Acts" (Anderson, Paddrik, Wang), USC FIFI 2017

Organization

Co-organizer, FTG Spring 2019 Meeting (with Deeksha Gupta, Ariel Zetlin-Jones)
 Co-organizer, Workshop on Networks and Systemic risk, Warren Center, UPenn, 2015 (with Rakesh Vohra)

Refereeing

American Economic Review / European Economic Review / Games and Economic Behavior / International Economic Review / Journal of Finance / Journal of Financial Services Research / Journal of Monetary Economics / Journal of Political Economy / Management Science / Mathematical Social Sciences / National Science Foundation / Review of Financial Studies / Theoretical Economics.

Honors, Awards, and Grants

PNC Presidential Fellowship, CMU
 Hakan Orbay Young Researcher Award, Sabanci University
 The Berkman Faculty Development grant, CMU
 William Polk Carey Prize, UPenn (best dissertation, shared with Max Wei),
 Young Scholar Award, Turkish American Scientists and Scholars Association.
 Best Job Market Paper Runner-up Prize, Finance Theory Group,

Lawrence Robbins Prize, UPenn (best student in the first year, shared with Zehao Hu)
Silver Medal, 44th International Math Olympiads, Japan

Last updated: April 23, 2019