

Selman Erol

C.M.U. Tepper School of Business
5000 Forbes Avenue, Pittsburgh, PA 15213

Email: erol@cmu.edu
Homepage: <http://erols.me/>

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)
- Regulating Clearing in Networks (with Pablo D'Erasmus and Guillermo Ordonez)

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 / CSEB 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

2019: Tepper-LAEF / NBER Summer Inst. / NSF Network Science / PETCO / Barcelona GSE / 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

"Systemic Portfolio Diversification" (Capponi, Weber) Scheduled: AFA 2020
 "Interbank Trading, Collusion, and Financial Regulation" (Gofman, Corbae) Scheduled: Wash U Corporate Finance Conference, 2019
 "Illiquidity Spirals in Coupled OTC Markets" (Aymanns, 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, Tepper-LAEF, 2019 (with Tetiana Davydiuk, Deeksha Gupta, Finn Kydland)
 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 Economic Theory / 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

National Science Foundation Grant "Financial Network Reactions to Regulations and Interventions," (with Guillermo Ordonez) 2019-2022.

Richard M. Cyert Excellence in Teaching Award, CMU, 2019
PNC Research Assistant Grant, CMU, 2019
Hakan Orbay Young Researcher Award, Sabanci University, 2018
The Berkman Faculty Development grant, CMU, 2018
William Polk Carey Prize, UPenn (best dissertation, shared with Max Wei), 2017
Young Scholar Award, Turkish American Scientists and Scholars Association. 2017
Best Job Market Paper Runner-up Prize, Finance Theory Group, 2016
Lawrence Robbins Prize, UPenn (best student in the first year, shared with Zehao Hu), 2010
Silver Medal, 44th International Math Olympiads, Japan, 2003

Last updated: October 14, 2019