

İsa E. Hafalır

CONTACT INFORMATION

Tepper School of Business,
Carnegie Mellon University,
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POSITIONS HELD

Tepper School of Business, Carnegie Mellon University
Associate Professor of Economics with Tenure

July 2016 - Current

Tepper School of Business, Carnegie Mellon University
Associate Professor of Economics without Tenure

July 2013 - June 2016

Tepper School of Business, Carnegie Mellon University
Assistant Professor of Economics

July 2007 - June 2013

RESEARCH INTERESTS

Game Theory, Auction Theory, Matching Theory, Mechanism Design, Market Design.

EDUCATION

Penn State University, State College, PA

Ph.D. Economics, July 2007

- Dissertation Title: *Essays in Microeconomic Theory*
- Advisor: Vijay Krishna

California Institute of Technology, Pasadena, CA

M.A. Social Sciences, June 2003

Bilkent University, Ankara, Turkey

B.S. Industrial Engineering, June 2001

PUBLICATIONS

Expertise Online Markets (with Stelios Despotakis, R. Ravi and Amin Sayedi),
forthcoming, Management Science

Matching with Aggregate Externalities (with James Fisher),
Mathematical Social Sciences, 81, (2016), 1-7

Welfare-Maximizing Assignment of Agents to Hierarchical Positions (with Antonio Miralles)
Journal of Mathematical Economics, 61, (2015), 253-270

Auction versus Negotiated Sale: Evidence from Real Estate Sales (with Abdullah Yavas and YuenLen Chow)
Real Estate Economics, 43, (2015), 432-470.

Core Deviation Minimizing Auctions (with Hadi Yektas)
International Journal of Game Theory, 44, (2015), 367-376.

School Choice with Controlled Choice Constraints: Hard Bounds versus Soft Bounds (with Lars Ehlers, M. Bumin Yenmez and Muhammed A. Yildirim)
Journal of Economic Theory, 153, (2014), 648-683.

Effective Affirmative Action in School Choice, (with M. Bumin Yenmez and Muhammed A. Yildirim)
Theoretical Economics, 8 (2013), 325-363.

A Near Pareto Optimal Auction with Budget Constraints, (with R. Ravi and Amin Sayedi)
Games and Economic Behavior, 74 (2012), 699-708

Selling Goods of Unknown Quality: Forward versus Spot Auctions, (with Hadi Yektas)
Review of Economic Design, 15 (2011), 245-256

Revenue and Efficiency Effects of Resale in First-Price Auctions, (with Vijay Krishna)
Journal of Mathematical Economics, 45 (2009), 589-602

Stability of Marriage with Externalities,
International Journal of Game Theory, 37 (2008), 353-370

Asymmetric Auctions with Resale, (with Vijay Krishna)
American Economic Review, 98 (2008), 87-112

Efficiency in Coalition Games with Externalities,
Games and Economic Behavior, 61 (2007), 242-258

WORKING PAPERS *College Admissions with Entrance Exams: Centralized versus Decentralized* (with Rustamdjan Hakimov, Dorothea Kübler, and Morimitsu Kurino)

Discriminatory Auctions with Resale (with Musab Kurnaz)

Contest among Contest Organizers (with Ersin Korpeoglu and Gizem Korpeoglu)

WORK IN PROGRESS *Competitive Equilibrium and a Dynamic Auction for Allocation with Priorities* (with Tayfun Sönmez)

EDITORIAL BOARD Associate Editor, *Review of Economic Design*, June 2013 - Present

GRANTS, HONORS AND AWARDS National Science Foundation Grant, SES1326584, "School Choice with Control and Bayesian School Choice" (joint with M. Bumin Yenmez), 2013 to 2016
Winner of the 2011 Lave-Weil prize, Tepper School of Business, CMU (for "Effective Affirmative Action in School Choice")
Google Research Award, "Modelling Sponsored Search Auctions" (joint with R. Ravi), 2009-2010
Faculty Giving Chair, Tepper School of Business, 2009-2010
Faculty Giving Chair, Tepper School of Business, 2008-2009
National Science Foundation Grant, SES 0752928, "Auctions and Resale Markets" (joint with Vijay Krishna), 2008 to 2011
Excellence in Refereeing Award, American Economics Review, 2008
International Mathematical Olympiad, Bronze Medal, 1997
Balkan Mathematical Olympiad, Silver Medal, 1997
Turkish National Mathematical Olympiad, Bronze Medal, 1997

TEACHING EXPERIENCE Microeconomics 1; 2007-2014 (Graduate)
Game Theory and Applications; 2007-2011, 2014-2016 (Graduate)
Market Design; 2011, 2014 (Graduate)
Game Theory for Economists, 2007-2016 (Undergraduate)
Auctions and Markets; 2012, 2013 (Undergraduate)
Market Design; 2016 (MBA)

PHD SUPERVISION Eunhee Kim, 2017 (expected), Committee Member, (Accounting)
Musab Kurnaz, 2016, Committee Member, First Job: Koc University
Xin Wang, 2016, Committee Member, First Job: HKUST (Operations Management)
Lufei Ruan, 2016, Committee Member, First Job: San Francisco Sate University (Accounting)
Jae Won Kang, 2015, Committee Member, First Job: Seoul National University (post-doc)
Bertan Turhan, 2015, Committee Member, First Job: ITAM

Ersin Korpeoglu, 2015, Committee Member, First Job: University College London (Operations Management)
 Gizem Korpeoglu, 2015, Committee Member, First Job: University College London
 Xin Fang, 2014, Committee Member, First Job: Singapore National University (Operations Management)
 Gaoqing Zhang, 2014, Committee Member, First Job: University of Minnesota (Accounting)
 Yun Wang, 2013, Committee Member, First job: Wang Yanan Institute for Studies in Economics
 Mehmet Karakaya, 2012, Committee Member, First job: Katip Celebi University
 Amin Sayedi, 2012, Committee Member, First job: University of North Carolina (Marketing)
 Ozgun Ekici, 2011, Committee Member, First job: Ozyegin University
 Zumrut Imamoglu, 2010, Committee Member, First job: Bahcesehir University

ACADEMIC SERVICE Member, Undergraduate Economics Educational Affairs Committee (13-15)
 Member, Junior Faculty Recruiting Committee (07-08, 08-09, 12-13, 13-14)
 Member, Economics PhD Program Evaluation Committee (12-13)
 Chair, Economics PhD Committee (09-10, 10-11)
 Co-organizer, Economics Seminar Series (08-09)

SHORT VISITS Sabanci University, Istanbul, June-July, 2014.
 Autonomous University of Barcelona, Barcelona, November 2013
 Waseda University, Tokyo, March 2013
 WZB (Social Science Research Center Berlin), Berlin, March 2013
 Bilkent University, Ankara, June 2011, June 2012, May 2013, July 2015
 Microsoft Research, Boston, February 2011
 University of Melbourne, Melbourne, May 2008

INVITED TALKS (2017) The New Economic School; Higher School of Economics; University of Technology Sydney, University of Queensland (scheduled).
 (2016) North Carolina State University; University of Rochester; Penn State University.
 (2015) Rice University; University of Michigan; Boston College; McMaster University; Georgetown University.
 (2014) Bilgi University; University of Arizona.
 (2013) Autonomous University of Barcelona; Waseda University; Academia Sinica; WZB; Sabanci University.
 (2012) ITAM; University of North Carolina.
 (2011) Microsoft Research; TOBB ETU University; Ebay Research Labs; Carnegie Mellon University, Tepper School of Business; University of Montreal; California Institute of Technology; University of Maryland; Koc University.
 (2010) Bilkent University.
 (2009) Google Inc; University of Rochester; University of Wisconsin-Madison; Sabanci University.
 (2008) Ohio State University; University of Melbourne; University of Pittsburgh; University of British Columbia.
 (2007) University of Pittsburgh; Carnegie Mellon University, Tepper School of Business; University of Michigan.

CONFERENCE AND WORKSHOP PRESENTATIONS (2017) Match-up workshop, Microsoft Research Boston (scheduled)
 (2016) Workshop on Matching/Choice Theory in Memory of Dila Meryem Hafalır, ITAM, Mexico City, Mexico.
 (2015) Match-up workshop, University of Glasgow, Scotland; PA Economic Theory Conference, State College; Workshop on Institutions, Decisions and Governmental Practices, UAB, Barcelona; Conference on Economic Design, Bilgi University, Istanbul; Burgazada workshop on Economics, Istanbul; 9th Winter Workshop in Economics, Koc University, Istanbul.
 (2014) CMU-MSR Mind-swap on Computation and Economics, MSR-New York; International Workshop on Game Theory, Sao Paulo; Market Design Workshop, Sabanci University; Workshop on Designing Matching Markets, WZB-Berlin.
 (2013) 4th Murat Sertel Workshop on Economic Design, Istanbul; Conference on Economic Design, Lund.

(2012) Econometric Society Meeting, Chicago; Workshop on Interface Between Computer Science and Economics, Pittsburgh; Third World Congress of the Game Theory Society, Istanbul; First Istanbul Workshop in Economic Theory, Istanbul; INFORMS Annual Meeting, Phoenix; MITRE Workshop on Matching and Auction Theory, Ann Arbor.

(2011) 6th Pan Pacific Conference on Game Theory, Tokyo; CAPCP Conference, State College; EBES Conference, Istanbul; Istanbul Conference on Economy and Finance, Istanbul; Economics and Finance Workshop, Istanbul; Workshop on Allocation Problems, Ankara.

(2010) Midwest Economic Theory Meeting, Evanston; Economic Science Association North American Meeting, Tucson; INFORMS Annual Meeting, Austin; Southern Economics Association, Atlanta.

(2009) Midwest Economic Theory Meeting, State College.

(2008) CAPCP Conference (discussant), State College; Conference of the Society for Economic Design, Ann Arbor; Econometric Society North American Summer Meeting, Pittsburgh; Third World Congress of the Game Theory Society, Evanston; Midwest Economic Theory Meeting, Columbus.

(2007) Conference on Auctions with Resale, Santa Barbara; Economic Science Association North American Meeting, Tucson; Midwest Economic Theory Meeting, Ann Arbor.

(2006) Decentralization Conference, Paris; Stony Brook Workshop on Externalities, Public Goods and Games; International Meeting for the Society for Social Choice and Welfare, Istanbul; Conference of the Society for Economic Design, Bodrum; Cornell-Penn State Macro Workshop, Ithaca; Midwest Economic Theory Meeting, West Lafayette; INFORMS Annual Meeting, Pittsburgh.

(2005) 16th International Conference on Game Theory, Stony Brook.

REFEREING SERVICE American Economic Review, Econometrica, Journal of Political Economy, Quarterly Journal of Economics, Review of Economic Studies, Rand Journal of Economics, Journal of Economic Theory, Theoretical Economics, Management Science, American Economic Journal: Microeconomics, Games and Economic Behavior, International Journal of Game Theory, Economic Theory, Journal of Mathematical Economics, Journal of the European Economic Association, Mathematics of Operations Research, B.E. Journal of Theoretical Economics, Economic Journal, International Economic Review, International Journal of Economic Theory, Mathematical Social Sciences, Journal of Public Economic Theory, Social Choice and Welfare, Review of Economic Design, Journal of Industrial Economics, Economics Bulletin, Economic Inquiry, Theory and Decision, Journal of Public Economics, International Game Theory Review, Real Estate Economics, Transactions on Economics and Computation, Applied Computing and Informatics, Eurasian Journal of Business and Economics, European Journal of Operations Research, Applied Economics, Games, Discrete Applied Mathematics, Filomat.

(Grant Assesment) National Science Foundation, Israel Science Foundation, SSHRC Insight Grant