

NUH AYGÜN DALKIRAN

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ACADEMIC POSITIONS

Bilkent University

Assistant Professor, Department of Economics, September 2012 - present.

Kellogg School of Management, Northwestern University

Fulbright Visiting Scholar, MEDS, September 2018 - August 2019.

EDUCATION

Ph.D. Managerial Economics and Strategy, **Kellogg School of Management, Northwestern University**, Evanston, IL, 2012. **Advisor:** Ehud Kalai.

M.A. Economics, **Sabancı University**, Istanbul, Turkey, 2006.

B.Sc. Mathematics, **Middle East Technical University**, Ankara, Turkey, 2004.

B.Sc. Economics, **Middle East Technical University**, Ankara, Turkey, 2004.

RESEARCH INTERESTS

Game Theory, Economics of Information, Behavioral Implementation,
Reputations/Repeated Games, Decision Theory.

ACADEMIC VISITS

Harvard University

Department of Economics, Host: Tomasz Strzalecki, July 2013.

HONORS, AWARDS, and GRANTS

ÜAK Doçentlik, 1121-Mikro İktisat, 2023.

TÜBİTAK 1001 Grant No. 119K957, 2020-2022.

Fulbright Visiting Scholar Fellowship, 2018-2019.

TÜBİTAK 3501 Career Development Grant, 2015-2016.

Hakan Orbay Research Award, 2014.

Northwestern | Kellogg Doctoral Fellowship, 2006-2012.

TÜBİTAK Fellowship (Economics), 2005-2006.

Sabancı University Fellowship, 2004-2006.

TÜBİTAK Fellowship (Mathematics), 2002-2004.

PUBLICATIONS

- “Behavioral Implementation under Incomplete Information,” with Mehmet Barlo, *Journal of Economic Theory*, 2023, 213, 105738.
- “Implementation with a Sympathizer,” with Ozan Altuğ Altun and Mehmet Barlo, *Mathematical Social Sciences*, 2023, 121, pp 36-49.
- “Nonexclusive Competition for a Freelancer under Adverse Selection,” with Halil İ. Bayrak, *Journal of Mathematical Economics*, 2022, 103, 102773.
- “Computational Implementation,” with Mehmet Barlo, *Review of Economic Design*, 2022, 26(4), pp 605-633. (Well-Designed Incentives: Special Issue in Honor of Semih Koray)
- “Stochastic Control Approach to Reputation Games,” with Serdar Yüksel, *IEEE Transactions on Automatic Control*, 2020, 65(11), pp 4710-4725.
- “Expected Scott-Suppes Utility Representation,” with Oral Ersoy Dokumacı and Tarık Kara, *Journal of Mathematical Psychology*, 2018, 86, pp 30-40.
- “Order of Limits in Reputations,” *Theory and Decision*, 2016, 81(3), pp 393-411.
- “Common Knowledge and State-Dependent Equilibria,” with Moshe Hoffman, Ramamohan Paturi, Daniel Ricketts, and Andrea Vattani, *Lecture Notes in Computer Science: Proceedings of Symposium on Algorithmic Game Theory 2012*, pp 84-95.
- “Epsilon-Nash Implementation,” with Mehmet Barlo, *Economics Letters*, 2009, 102 (1), pp 36-38.

TR DİZİN / ULAKBİM:

- “Eksik Bilgi Altında Ekonomik Koordinasyon Problemi,” *Ekonomi Politika ve Finans Araştırmaları Dergisi*, 2022, IERFM Özel Sayısı, pp 33-44.
- “Another Characterization of Expected Scott-Suppes Utility Representation,” with Furkan Yıldız, *Boğaziçi Journal: Review of Social, Economic and Administrative Studies*, 2021, 35(2), pp 177-193.
- “Geçişsiz Kayıtsızlıklar,” *İzmir İktisat Dergisi*, 2021, 36(3), pp 675-684.

BOOK CHAPTERS in TURKISH:

- “Kısmi Rasyonel Oyuncular için Mekanizma Tasarımı: Yazın ve Bazı Açık Sorular,” with Kemal Yıldız, *Güncel İktisat Çalışmaları*, March 2020, pp 131-139, Akademisyen.
- “Nöroiktisat,” with Emin Karagözoğlu, *İktisat Felsefesi*, March 2023, pp 545-574, Efil.

WORKING PAPERS / WORK IN PROGRESS

- “Robust Behavioral Implementation,” with Mehmet Barlo.
- “Implementation with Missing Data,” with Mehmet Barlo.
- “Anonymous Implementation,” with Mehmet Barlo and Muhammed Dönmez.
- “Behavioral Implementation of Rational Expectations Equilibrium,” with Mehmet Barlo.
- “The Emergence of Categorical Norms,” with Moshe Hoffman, Erez Yoeli, Bethany Burum, and Martin Nowak.
- “Behavioral Implementation of Matching Rules,” with Asu İşbilen and Tarık Kara.
- “Coordinated Enforcement,” with Moshe Hoffman, Henrik Sigstad, and Erez Yoeli.

TEACHING EXPERIENCE

Topics in Economics of Information (Econ 548 - Graduate), 2020-2023.
Microeconomic Theory (Econ 504 - Graduate), 2016-2023.
Math Camp (Econ 500 - Graduate), 2013-2017.
Economics of Information (Econ 448 - Undergraduate), 2014-2022.
Game Theory (Econ 439 - Undergraduate), 2016, 2023.
Economic Theory for Engineers (Econ 207 - Undergraduate), 2019-2020.
Microeconomic Theory (Econ 203, 204 - Undergraduate), 2012-2022.
Introduction to Economics (Econ 101 - Undergraduate), 2019-2023.
Strategic Decision Making and Game Theory (Kellogg Executive-MBA, MBA), 2008-2012.
Decision Making under Uncertainty (Kellogg Executive-MBA, MBA), 2007-2011.

CONFERENCES, SEMINARS, and WORKSHOPS

Reverse chronological order: EEA-ESEM 2023 (Barcelona, ES), IERFM 2022 (Konya, TR), GAMES 2020 (Budapest, HU), Warsaw School of Economics, NASMES 2019 (Seattle, WA), EEA-ESEM 2019 (Manchester, UK), METU - ERC Conference 2019 (Ankara, TR), Mural Sertel Workshop 2019 (Istanbul, TR), Northwestern (Theory Seminar), METU, TOBB-ETU, Sabancı, Bilkent, TEDU, AMES 2017 (Hong Kong, CN), XI. Winter Workshop (Istanbul, TR), Özyeğin, EEA-ESEM 2016 (Geneva, CH), OWET (Graz, AT), Toulouse School of Economics (2016), İTÜ (2016), Koç (2015), CED 2015 (Istanbul, TR), IX. Winter Workshop (Istanbul, TR), Harvard PED, NAG 2014 (London, UK), SCW 2014 (Boston, MA), BWED 2014 (Bodrum, TR), EEA-ESEM 2014 (Toulouse, FR), Sabancı, SED 2013 (Seoul, KR), ASSET 2013 (Bilbao, ES), International Game Theory Conference 2013 (Stony Brook, NY), Murat Sertel Workshop 2013 (Istanbul, TR), Bilkent, Boğaziçi, ISET, Koç, METU, TOBB-ETU, Sabancı, GAMES 2012 (Istanbul, TR), Northwestern (CMS-EMS Theory Bag Lunch), Northwestern Econ (Theory Seminar), LBS Transatlantic Doctoral Conference 2009, Kellogg M&S (PhD Seminar).

PROFESSIONAL ACTIVITIES

Refereeing for (alphabetical) *Econometrica*, *European Journal of Operational Research*, *Games and Economic Behavior*, *IEEE Transactions on Automatic Control*, *Journal of the European Economic Association*, *Journal of Mathematical Economics*, *Mathematical Social Sciences*, *Review of Economic Design*, *Social Choice and Welfare*, *Theoretical Economics*.

TR: *BU Journal*, *METU Studies in Development*, *CBRT (TCMB)*, *TUBITAK*.

Member of *Econometric Society*, *European Economic Association*, *Game Theory Society*, *Turkish Economic Association*.

SUPERVISION

Halil İbrahim Bayrak, Co-advisor, Ph.D. in Industrial Engineering (2022),
Placement: Technical University of Munich, Postdoc.

Furkan Yıldız, M.A. in Economics (2021),
Placement: EnerjiSA, Dispatcher/Intraday Trader.

Fatih Öztürk, M.A. in Economics (2018),
Placement: UCLA, Ph.D. in Economics.

Oral Ersoy Dokumacı, M.A. in Economics (2017),
Placement: University of Zurich, Ph.D. in Neuroeconomics.

Emre Ergin, M.A. in Economics (2014),
Placement: Maastricht University, Ph.D. in Economics.

SERVICE

Bilkent University, Department of Economics

- Director of Graduate Studies, 2022 - present
- Exchange Coordinator, 2021 - 2022.
- Coorganizer, Microeconomics Seminars, 2013 - 2018; 2022 - present.
- M.A. / Ph.D. Curriculum Committee Member, 2013 - 2018.
- M.A. / Ph.D. Admissions Committee Member, 2015, 2017, 2022.

MISCELLANEOUS

Erdős Number: 3
Dalkıran, Paturi, Saks, Erdős.

Dijkstra Number: 3
Dalkıran, Ricketts, Lamport, Dijkstra.