

NUH AYGÜN DALKIRAN

Middle East Technical University
Department of Economics
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ACADEMIC APPOINTMENTS

Middle East Technical University Associate Professor, Department of Economics,	2026 – present
Bilkent University Assistant Professor, Department of Economics,	2012 – 2025

EDUCATION

Ph.D. Managerial Economics and Strategy, Northwestern University, Kellogg School of Management, Evanston, IL	2006 – 2012
M.A. Economics, Sabancı University, İstanbul, Türkiye	2004 – 2006
B.Sc. Mathematics (Double Major) METU, Ankara, Türkiye	2000 – 2004
B.Sc. Economics, METU, Ankara, Türkiye	2000 – 2004

RESEARCH INTERESTS

Economic Theory, Game Theory, Economics of Information, Behavioral Implementation

ACADEMIC VISITS

Northwestern University, Kellogg School of Management Fulbright Visiting Scholar, MEDS, September 2018 – August 2019.
Harvard University Department of Economics, July 2013.

HONORS, AWARDS, GRANTS, and etc.

Doçent in Microeconomics, ÜAK¹, 2023.
TÜBİTAK² 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.

¹The Inter-University Board of Türkiye.

²The Scientific and Technological Research Council of Türkiye.

PUBLICATIONS

- “Anonymous Implementation,” with Mehmet Barlo and Muhammed Dönmez, *Social Choice and Welfare*, forthcoming.
- “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 O. 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.

Book Chapters in Turkish and TR DİZİN / ULAKBİM Publications: ³

- “Nöroiktisat,” with Emin Karagözoğlu, *İktisat Felsefesi*, March 2023, pp 545-574, Efil.
- “Eksik Bilgi Altında Ekonomik Koordinasyon Problemi,” *Ekonomi, Politika ve Finans Araştırmaları Dergisi*, 2022, IERFM Özel Sayısı, pp 33-44.
- “Geçişsiz Kayıtsızlıklar,” *İzmir İktisat Dergisi*, 2021, 36(3), pp 675-684.
- “Another Characterization of Expected Scott-Suppes Utility Representation,” with Furkan Yıldız, *Boğaziçi Journal*, 2021, 35(2), pp 177-193.
- “Kısmi Rasyonel Oyuncular için Mekanizma Tasarımı: Yazın ve Bazı Açık Sorular,” with Kemal Yıldız, *Güncel İktisat Çalışmaları*, March 2020, pp 131-139, Akademisyen.

WORKING PAPERS / WORK IN PROGRESS

- “Ex-post Behavioral Implementation,” with Mehmet Barlo.
- “Robust Behavioral Implementation,” with Mehmet Barlo.
- “Implementation with Missing Data,” with Mehmet Barlo.

³Three papers in national journals indexed by TR DİZİN/ULAKBİM and two book chapters listed were among the publication criteria set by ÜAK for eligibility for the title of “Doçent” in Economics. This title is a prerequisite for appointment as an associate professor in Türkiye.

TEACHING EXPERIENCE

Topics in Economics of Information (Econ 548 - Graduate), 2021–2026.
Microeconomic Theory (Econ 504 - Graduate), 2016–2026.
Math Camp (Econ 500 - Graduate), 2013–2017.
Economics of Information (Econ 448 - Undergraduate), 2014–2022.
Game Theory (Econ 439 - Undergraduate), 2016–2025.
Microeconomic Theory (Econ 203, 204 - Undergraduate), 2012–2025.
Introduction to Economics (Econ 101 - Undergraduate), 2019–2024.
Strategic Decision Making and Game Theory (Kellogg Executive-MBA, MBA), 2008–2012.
Decision Making under Uncertainty (Kellogg Executive-MBA, MBA), 2007–2011.

CONFERENCES, WORKSHOPS, and SEMINARS

2021-2025:⁴ METU, IX. Hurwicz Workshop on Mechanism Design (Warsaw, PL), Koç University, ASSET 2024 (Venice, IT), University of Liverpool - Management School, EEA-ESEM 2023 (Barcelona, ES), IERFM 2022 (Konya, TR), GAMES 2020 (Budapest, HU)–postponed to 2021 due to Covid, Warsaw School of Economics, **2016-2020:** NASMES 2019 (Seattle, WA), EEA-ESEM 2019 (Manchester, UK), METU - ERC Conference 2019 (Ankara, TR), Mural Sertel Workshop 2019 (Istanbul, TR), Northwestern University (Theory Seminar), METU, TOBB-ETU, Sabancı University, Bilkent University, TEDU, AMES 2017 (Hong Kong, CN), XI. Winter Workshop (Istanbul, TR), Özyeğin University, EEA-ESEM 2016 (Geneva, CH), OWET (Graz, AT), **2011-2015:** Toulouse School of Economics, İTÜ, Koç University, CED 2015 (Istanbul, TR), IX. Winter Workshop (Istanbul, TR), Harvard PED, Norms Actions Games 2014 (London, UK), SCW 2014 (Boston, MA), BWED 2014 (Bodrum, TR), EEA-ESEM 2014 (Toulouse, FR), Sabancı University, SED 2013 (Seoul, KR), ASSET 2013 (Bilbao, ES), International Game Theory Conference 2013 (Stony Brook, NY), Murat Sertel Workshop 2013 (Istanbul, TR), Bilkent University, Boğaziçi University, ISET, Koç University, METU, TOBB-ETU, Sabancı University, GAMES 2012 (Istanbul, TR), Northwestern (CMS-EMS Theory Bag Lunch), **2006-2010:** Northwestern Econ (PhD Theory Seminar), LBS Transatlantic Doctoral Conference 2009, Kellogg M&S (PhD Seminar).

PROFESSIONAL ACTIVITIES

Scientific Committee Member, ASSET 2025.

Refereeing for *Econometrica*, *Journal of Economic Theory*, *Theoretical Economics*, *AJE: Microeconomics*, *Games and Economic Behavior*, *Journal of the European Economic Association*, *Journal of Economic Behavior and Organization*, *Journal of Mathematical Economics*, *Social Choice and Welfare*, *Theory and Decision*, *Mathematical Social Sciences*, *Review of Economic Design*, *IEEE Transactions on Automatic Control*.
TR: *Boğaziçi Journal*, *METU Studies in Development*, *Fulbright Türkiye*, *TCMB*, *TÜBİTAK*.

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

⁴Reverse chronological order.

SUPERVISION

Main Advisor

- Serkan Karademir, M.A. Economics (2025),
First position after graduation: BGSE, University of Bonn, Ph.D. in Economics.
- Güneş Uğuz, M.A. Economics (2024),
First position after graduation: Brown University, Ph.D. in Economics.
- Ömer Uçkaç, M.A. Economics (2023),
First position after graduation: Sabancı University, Ph.D. in Economics.
- Mehmet Can Güder, ABT(*) Economics (2022),
First position after graduation: Boston College, Ph.D. in Economics.
- Furkan Yıldız, M.A. Economics (2021),
First position after graduation: EnerjiSA, Dispatcher/Intraday Trader.
- Fatih Öztürk, M.A. Economics (2018),
First position after graduation: UCLA, Ph.D. in Economics.
- Hanifi Kılhoğlu, ABT(*) Economics (2018),
First position after graduation: Rice University, Ph.D. in Economics.
- Oral Ersoy Dokumacı, M.A. Economics (2017),
First position after graduation: University of Rochester, Ph.D. in Economics.
- Emre Ergin, M.A. in Economics (2014),
First position after graduation: Maastricht University, Ph.D. in Economics.

Co-Advisor

- Halil İbrahim Bayrak, Ph.D. Industrial Engineering (2022), Advisor: Mustafa Çelebi Pınar,
First position after graduation: Technical University of Munich, Postdoc.

Committee member / Letter writer for ⁶

Koralp Kabal (Columbia Econ PhD), Gülce Demirel (U Chicago MACRM), Aybüke Dere (U Pittsburgh Econ PhD), Kübra Nur Güngör (U Zurich Econ PhD), Gökçe Doğan (Ohio State Econ PhD), Arlindo Skendraj (Brown Econ PhD), Nazlıcan Eroğlu (Tinbergen Econ PhD), Klajdi Hoxha (Stanford GSB Econ PhD), Deniz Baytemur (Boston College Econ PhD), Ece Teoman (Penn State Econ PhD), Erion Dula (NYU Econ PhD), Berk İdem (Penn State Econ PhD), Duygu Sili (Koç Econ PhD).

SERVICE

Bilkent University, Department of Economics

- Director of Graduate Studies, 2022 - 2025
- Exchange Coordinator, 2021 - 2022.
- Coorganizer, Microeconomics Seminars, 2013 - 2018; 2022 - 2025.
- M.A. / Ph.D. Curriculum Committee Member, 2013 - 2018.
- M.A. / Ph.D. Admissions Committee Member, 2015, 2017, 2022 - 2024.

(*) ABT stands for 'All But Thesis,' which means the student completed the coursework successfully but had to leave the program before defending their thesis.

⁶All were students in a graduate class I taught, and each wrote their MA thesis on a topic related to my research interests. First positions after MA degrees are in parenthesis. Reverse chronological order.

MISCELLANEOUS

Erdős Number: 3

Dalkıran $\rightarrow$ Paturi $\rightarrow$ Saks $\rightarrow$ Erdős.

Dijkstra Number: 3

Dalkıran $\rightarrow$ Ricketts $\rightarrow$ Lamport $\rightarrow$ Dijkstra.