

Onur Kesten

University of Sydney; School of Economics
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Appointments

Professor, University of Sydney, 2019-Present

Associate Professor with Indefinite Tenure, Carnegie Mellon, 2013-2020

Associate Professor without Indefinite Tenure, Carnegie Mellon, 2011-2013

Assistant Professor, Carnegie Mellon, 2006-2011

Post-doctorate fellow (with Alvin Roth), Harvard, 2005-2006

Education

PhD, Economics, University of Rochester, 2005.

MA, Economics, University of Rochester, 2003.

BS, Electrical Engineering, Bilkent University, 2000.

Fields of Specialization

Micro Theory; Mechanism Design; Market Design; Game Theory; Social Choice

Awards and Honors

Lave-Weil Prize, Tepper. (March 2013).

BP Junior Faculty Chair Award, Carnegie Mellon University. (2008).

Excellence in the Classroom, Richard Cyert Teaching Award, Carnegie Mellon University. (2008).

Faculty Giving Chair Award, Carnegie Mellon University. (2006).

RESEARCH

Publications

- Chen, Y., Jiang, M., Kesten, O. (2020). Empirical and Experimental evaluation of the Chinese College admissions Reforms, forthcoming *Proceedings of the National Academy of Sciences*.
- Chen, Y., Kesten, O. Chinese College Admissions and High School Reforms: A Theoretical Analysis-Corrigendum, forthcoming *Journal of Political Economy*
- Kesten, O., Kurino, M. (2019). Strategy-proof improvements upon deferred acceptance: A maximal domain for possibility. *Games and Economic Behavior*, 117, 120-143.
- Kesten, O., Chen, Y. College and High School Admissions Reforms in China: An Experimental Analysis. *Games and Economic Behavior*, 115, 83-100.
- Chen, Y., Jiang, M., Kesten, O., Robin, S., Zhu, M. (2018). Matching in the large: An experimental study. *Games and Economic Behavior*, 110, 295-317.
- Kesten, O. Sequential versus Simultaneous Assignment Systems and Two Applications. *Economic Theory* 68(2), 251-283.
- Hakimov, R., Kesten, O. Equitable top trading cycles mechanisms: Theory and experiments. *International Economic Review* 59(4), 2219-2258.
- Kesten, O., Kurino, M., Unver, U. (2017). On Characterizations of the Probabilistic Serial Mechanism Involving Incentive and Invariance Properties. *Mathematical Social Sciences*, 90, 56-62.
- Kesten, O., Kurino, M., Nesterov, A. (2017). Efficient Lottery Design. *Social Choice and Welfare*, 48(1), 31-57.
- Chen, Y., Kesten, O. (2017). College and High School Admissions Reforms in China: A Theoretical Analysis. *Journal of Political Economy*, 125(1), 99-139.
- Ekici, O., Kesten, O. (2016). An Equilibrium Analysis of the Probabilistic Serial Mechanism. *International Journal of Game Theory*, 45(3), 655-674.
- Slaugh, V., Akan, M., Kesten, O., Unver, U. (2016). The Pennsylvania Adoption Exchange Improves Its Matching Process. *Interfaces*, 46(2). <https://doi.org/10.1287/inte.2015.0828>
- Kesten, O., Unver, U. (2015). A Theory of School-choice Lotteries. *Theoretical Economics*, 10(2), 543-595.
- Chen, Y., Kesten, O. (in press). From Boston to Shanghai to Gale-Shapley: A study on a family of school choice mechanisms (short version). *Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering series*.
- Hashimoto, T., Hirata, D., Kesten, O., Kurino, M., Unver, U. (2014). Two Axiomatic Approaches to the Probabilistic Serial Mechanism. *Theoretical Economics*, 9, 253-277.
- Guillen, P., Kesten, O. (2012). Matching Markets with Mixed Ownership: The Case for A Real-life Assignment Mechanism. *International Economic Review*, 53, 1027-1046.

- Kesten, O. (2012). On two kinds of manipulation for school choice problems. *Economic Theory*, 51, 677-693.
- Kesten, O., Yazici, A. (2012). The Pareto dominant strategy-proof and equitable rule for problems with indivisible goods. *Economic Theory*, 50, 463-488.
- Kesten, O. (2010). School choice with consent. *Quarterly Journal of Economics*, 125(3), 1297-1348.
- Kesten, O. (2009). Coalitional strategy-proofness and resource monotonicity for house allocation problems. *International Journal of Game Theory*, 38, 17-21.
- Kesten, O. (2009). Why do popular mechanisms lack efficiency in random environments? *Journal of Economic Theory*, 144, 2209-2226.
- Kesten, O. (2006). More on the uniform rule: Characterizations without Pareto optimality. *Mathematical Social Sciences*, 51, 192-200.
- Kesten, O. (2006). On two competing mechanisms for priority based allocation problems. *Journal of Economic Theory*, 127, 155-171.

Conference Proceedings

- Kesten, O., Unver, U. (2010). *Lottery mechanism design for school choice*. Proceedings of the Behavioral and Quantitative Game Theory: Conference on Future Directions.
- Kesten, O., Ma, L., Mukhopadhyay, T. (2009). *Attracting Whom? - Managing User-Generated-Content Communities for Monetization*. Proceedings of International Conference in Information Systems.

Working Papers

- Han, X., Shanghai, O. Kesten, U. Unver, Blood Allocation with Replacement Donors
- Kesten, O., Ozyurt, S. Strategy-proof and efficient mediation: An ordinal mechanism design approach. (under review) *Quarterly Journal of Economics*.
- Dur, U., Hammond, R., Kesten, O. Sequential School Choice: Theory and Experiments. Revise & Resubmit *Journal of Economic Theory*.
- Kesten, O., Dur, U., Ertemel, S., Andersson, O., Andersson, T. (2019). Parallel versus Sequential School Admissions: A Tale of Two Countries. (under review) *European Economic Review*.
- Pablo G., A. Kiefer, M. Melatos, Kesten O. (2020). Evaluating Advice in a Matching Mechanism with Experienced Participants: An Experimental Study of University Applicant Behaviour in Australia.

Research Grants

Kesten, O., "Improving College Admissions In Saudi Arabia," Sponsored by Harvard University, \$62,687.00. (November 2015 - Present).

Kesten, O. (Principal Investigator), "Collaborative Research: School Choice and College Admissions: Theory and Experiments," Sponsored by NATIONAL SCIENCE FOUNDATION, \$207,699.00. (September 1, 2010 - August 31, 2013).

Kesten, O. (Principal Investigator), Chen, Y. (Principal Investigator), "NSF Research Grant," Sponsored by National Science Foundation, \$443,550.00. (2010 - 2012).

Kesten, O., "Radical and marginal solutions to school choice," Sponsored by Berkman Faculty Development Fund, \$7,500.00. (2008 - Present).

Professional Affiliations

Associate Editor, Journal of Mechanism and Institution Design. (December, 2018 - Present).

Editor-in-Chief, Review of Economic Design. (December, 2018 - Present).

Associate Editor, Journal of Mathematical Economics. (January, 2017 – January 2020).

Associate Editor, Mathematical Social Sciences. (October 2013 - Present).

Treasurer, Society of Economic Design. (June 2011 - Present).

SERVICE

University Service

Co-Chair, Post-doc Recruiting Committee, University of Pittsburgh. (January 2018 - Present).

Committee Member, Lave-Weil Prize Review. (January 2016 - March 2016).

Committee Member, Undergraduate Admissions Review Committee. (April 2015 - June 2015).

Committee Chair, Junior Faculty Recruiting Committee. (2013 - 2014).

Committee Member, Undergraduate Business Curriculum Review. (February 2013 - April 2014).

Committee Chair, Economics Recruiting. (August 2013 - March 2014).

Committee Member, Undergraduate BA Curriculum Review Committee. (2012 - 2013).

Committee Member, Undergraduate Econ Curriculum Review Committee. (2012 - 2013).

Committee Member, Junior Faculty Recruiting Committee. (2009 - 2010).

Workshop Organizer, Economics Seminar Series. (2009 - 2010).

Co-Organizer, Economics Seminar Series. (2007 - 2008).

Committee Member, Junior Faculty Recruiting Committee. (2007 - 2008).

Chairperson. (2006 - 2007).

Co-Chair, Junior Faculty Recruiting Committee. (2006 - 2007).

Professional Service

Organizing Committee Member, Review of Economic Design. (July 2013 - Present).

Program Organizer, Society of Advancement of Economic Theory. (July 2013 - Present).

Board Member, Society of Economic Design. (June 2008 - Present).

Organizing Committee Member, Match-Up. (October 2016 - December 2016).

Economics Workshop Organizer, Carnegie Mellon. (April 2014).

Invited Seminars

Kesten, O., University of New South Wales. (October 2019).

Kesten, O., University of Queensland. (October 2019).

Kesten, O., University of Melbourne. (September 2019).

Kesten, O., Deakin University. (September 2019).

Kesten, O., University of Western Sydney. (September 2019).

Kesten, O., University of Sydney. (August 2019).

Kesten, O., Society of Advancement of Economic Theory. (July 2019).

Kesten, O., Dalhousie University. (March 2019).

Kesten, O., University of Virginia. (March 2019).

Kesten, O., Stanford (SITE). (October 2018).

Kesten, O., Lund University. (September 2018).

Kesten, O., University of Sydney. (August 2018).

Kesten, O., Caltech. (November 2017).

Kesten, O., ITHAM, Mexico. (November 2017).

Kesten, O., University of Rochester. (November 2017).

Kesten, O., Stanford. (October 2017).

Kesten, O., Ohio State University. (December 2016).

Kesten, O., University of Hawaii. (November 2016).

Kesten, O., "University of Montreal." (October 2016).

Kesten, O., Berlin Matching Workshop. (July 2016).

Kesten, O., Izmir University. (December 2015).

Kesten, O., Society of Advancement of Economic Theory. (2015).

Kesten, O., Georgetown University. (November 2015).

Kesten, O., Qatar University. (October 2015).

Kesten, O., Burgazada. (July 2015).

Kesten, O., Review of Economic Design. (July 2015).

Kesten, O., Istanbul Technical University. (May 2015).

Kesten, O., NYU-Abu Dhabi, United Arab Emirates. (March 2015).

Kesten, O., Koc University, Istanbul, Turkey. (December 2014).

Kesten, O., Saudi Arabia Ministry of Labor & Education. (August 2014).

Kesten, O., Social Choice and Welfare. (June 2014).

Kesten, O., University of Rochester, "Workshop in Honor of William Thomson." (June 2014).

Kesten, O., North Carolina, United States. (February 2014).

Kesten, O., Society for Advancement of Economic Theory Conference, France. (2013).

Kesten, O., Boston College, United States. (October 2013).

Kesten, O., UCLA, United States. (October 2013).

Kesten, O., Review of Economic Design, Sweden. (July 2013).

Kesten, O., Review of Economic Design Conference, Sweden. (July 2013).

Kesten, O., Society for the Advancement of Economic Theory, France. (July 2013).

Kesten, O., Ozyegin University, Turkey. (May 2013).

Kesten, O., Autonomia de Barcelona, Spain. (November 2012).

Kesten, O., Berlin Social Sciences and Research Center, Germany. (November 2012).

Kesten, O., Rice University, United States. (October 2012).

Kesten, O., University of Rochester, United States. (October 2012).

Kesten, O., Kadir Has University, Turkey. (August 2012).

Kesten, O., 4th World Congress of Game Theory Society, Turkey. (July 2012).

Kesten, O., Economics Workshop, France. (July 2012).

Kesten, O., Paris School of Economics, France. (July 2012).

Kesten, O., Bosphorus Workshop, Turkey. (May 2012).

Kesten, O., Texas A&M University, United States. (March 2012).

Kesten, O., Waseda University, Japan, Japan. (March 2012).

Kesten, O., Johns Hopkins University, United States. (February 2012).

Kesten, O., University of Pittsburgh, United States. (January 2012).

Kesten, O., NBER Workshop on Market Design, United States. (October 2011).

Kesten, O., Conference on Auctions, Market Mechanisms and Their Applications (AMMA), United States. (August 2011).

Kesten, O., Stony Brook Game Theory Conference, United States. (July 2011).

Kesten, O., Eurasia Business and Economic Society Conference, Turkey. (June 2011).

Kesten, O., Istanbul Development Institute Workshop, Turkey. (June 2011).

Kesten, O., Decentralization Conference (with Yan Chen), United States. (March 2011).

Kesten, O., Microsoft Research. (October 2010).

Kesten, O., University of Michigan, United States. (September 2010).

Kesten, O., Society for Advancement of Economic Theory, Asia. (August 2010).

Kesten, O., University of Melbourne, Australia. (August 2010).

Kesten, O., University of Sydney, Australia. (August 2010).

Kesten, O., Duke Matching Workshop celebrating the 20th year of Roth & Sotomayor. (May 2010).

Kesten, O., Koc University, Istanbul, Turkey. (May 2010).

Kesten, O., Concordia University, Canada. (April 2010).

Kesten, O., Duke University, United States. (February 2010).

Kesten, O., Review of Economic Design Conference, Netherlands. (June 2009).

Kesten, O., ASSA Conference, United States. (January 2009).

Kesten, O., Econometric Society, United States. (June 2008).

Kesten, O., Review of Economic Design Conference, United States. (June 2008).

Kesten, O., SITE (Market design), United States. (June 2008).

Kesten, O., Society of Economic Design. (June 2008).

Kesten, O., University of Columbia, United States. (March 2008).

Kesten, O., Matching Workshop, United States. (February 2008).

Kesten, O., University of Montreal, Canada. (November 2007).

Kesten, O., Matching Workshop, Spain. (June 2007).

Kesten, O., Society for Advancement of Economic Theory, Greece. (June 2007).

Kesten, O., Boston College, United States. (April 2007).

Kesten, O., University of Rochester, United States. (March 2007).

Kesten, O., University of Pittsburgh, United States. (December 2006).

Kesten, O., Review of Economic Design Conference, Turkey. (July 2006).

Kesten, O., Society of Social Choice and Welfare Conference, Turkey. (July 2006).

Kesten, O., Harvard University – Harvard Business School, United States. (April 2006).

Kesten, O., University of Texas at Austin, United States. (November 2005).

Kesten, O., Bilkent University, Turkey. (April 2005).

Kesten, O., Sabanci University, Turkey. (April 2005).

Kesten, O., University of Michigan, United States. (March 2005).

Kesten, O., Carnegie Mellon University, United States. (February 2005).

Kesten, O., Rice University, United States. (February 2005).

Kesten, O., University of Illinois – Urbana Champagne, United States. (February 2005).

Kesten, O., Harvard University – Kennedy School of Government, United States. (January 2005).

Kesten, O., Review of Economic Design Conference, Spain. (July 2004).

Kesten, O., Society of Social Choice and Welfare Conference, Japan. (July 2004).

Kesten, O., Midwest Theory Conference, United States. (May 2004).

Kesten, O., Wallis Institute Conference. (April 2004).