

BAR-ILAN UNIVERSITY FACULTY OF SOCIAL SCIENCE
DEPARTMENT OF ECONOMICS
CURRICULUM VITAE

Name: Ron Peretz

PERSONAL DATA

Address:	Department of Economics Bar Ilan University Ramat Gan 5290002 ISRAEL
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E-mail:	ron.peretz@biu.ac.il
Place of Birth:	Israel
Date of Birth:	24 May 1975
Marital Status:	Married

EDUCATION

Year	Degree	Institution
2001	B.A.	Hebrew University
2006	M.A	Hebrew University
2010	Ph.D. summa cum laude	Hebrew University
<u>THESIS:</u>	Repeated Games with Bounded Complexity	
<u>SUPERVISOR:</u>	Prof. Abraham Neyman	
	Post-Doctoral: Tel Aviv University Eilon Solan and Ehud Lehrer	

ACADEMIC AFFILIATIONS/APPOINTMENTS

Year	Appointment	(Work Percentage)
2009-2010	Teaching Assistant, Department of Mathematics, Hebrew University	50
2010-2012	Postdoc, School of Mathematical Sciences, Tel Aviv University	100
2012-2015	Assistant Professor, Department of Mathematics, London school of Mathematics and Political Science	100
2015-now	Lecturer, Department of Economics, Bar Ilan University, Israel	100

PROFESSIONAL FUNCTIONS:**(Memberships/Editorial Activities/ Reviewer for Journals)**

Year	
2014-now	Associate Editor for <i>Theory and Decision</i> .
2012-2014	Organising departmental game theory research seminar (LSE).
2015	Organising a workshop in the annual conference of the game theory society in Stony Brook, NY, USA.
2016	Programme committee member Symposium on Algorithmic Game Theory (SAGT), Liverpool, UK.
2017	Organising committee The 9 th Israeli Game Theory Conference
	Referring for journals and conferences.

COURSES TAUGHT/TEACING EXPERIENCE

Undergraduate:

B.A

Year	
2013-2014	Probability for Finance (LSE)
2012-2015	Game Theory (LSE)
2015-now	Mathematics for Economists (BIU)
2015-now	Undergraduate Economics Seminar (BIU)

Graduate:

M.A.

Year	
2012-2013	Game Theory Taught Seminar (LSE)
2016-now	Complexity in Economics (BIU)

MAIN RESEARCH INTERESTS

Game Theory, information theoretic aspects.

SUPERVISION OF GRADUATE STUDENTS**Ph.D Student:****Being supervised today:** Nicola Wittur (LSE)

LIST OF PUBLICATIONS

ARTICLES IN REFEREED JOURNALS/PERIODICALS

1. Ziv Hellman, Ron Peretz (accepted, under minor revision). “Values for Cooperative Games over Graphs and Games with Inadmissible Coalitions,” *Games and Economic Behavior*, forthcoming special issue in honour of Lloyd Shapley.
<http://econ.biu.ac.il/en/node/3556>
2. Yaakov Babichenko, Sidharth Barman, Ron Peretz (2016). “Empirical Distribution of Equilibrium Play and Its Testing Application,” *Mathematics of Operations Research* (forthcoming, editor’s pick).
<http://pubsonline.informs.org/doi/abs/10.1287/moor.2016.0794>
3. Olivier Gossner, Penelope Hernandez, Ron Peretz (2016). “The Complexity of Interacting Automata,” *International Journal of Game Theory* 45 (1, in honour of Abraham Neyman), 461–496.
<http://link.springer.com/article/10.1007%2Fs00182-015-0521-7>
4. Ron Peretz (2015). “Effective Martingales with Restricted Wagers,” *Information and Computation* 245, 152–164.
<http://www.sciencedirect.com/science/article/pii/S089054011500098X>
5. Gilad Bavly, Ron Peretz (2015). “How to Gamble Against All Odds,” *Games and Economic Behavior* 94 (1), 157–168.
<http://www.sciencedirect.com/science/article/pii/S0899825615001360>
6. Yaakov Babichenko, Yuval Peres, Ron Peretz, Perla Sousi, Peter Winkler (2014). “Hunter, Cauchy Rabbit, and Optimal Kakeya Sets,” *Transactions of the American Mathematical Society* 366 (10), 5567–5586.
<http://www.ams.org/journals/tran/2014-366-10/S0002-9947-2014-06226-0/>
7. Ron Peretz (2013). “Learning Cycle Length through Finite Automata,” *Mathematics of Operations Research* 38 (3), 526–534.
<http://pubsonline.informs.org/doi/pdf/10.1287/moor.1120.0582>
8. Ron Peretz (2013). “Correlation through Bounded Recall Strategies,” *The International Journal of Game Theory* 42 (4), 867–890.
<http://link.springer.com/article/10.1007%2Fs00182-012-0334-x>

9. Ron Peretz (2012). "The strategic value of recall," *Games and Economic Behavior* 74 (1), 332–351.

<http://www.sciencedirect.com/science/article/pii/S0899825611000996>

REVIEWED CONFERENCE PAPER

10. Yaakov Babichenko, Sidharth Barman, Ron Peretz (2014). "Simple Approximate Equilibria in Large Games," *15th ACM conference on Economics and Computation (EC14)*.

PAPERS PRESENTED AT SCIENTIFIC CONFERENCES (past 5 years)

- Sep 2013 4th Workshop on Stochastic Methods in Game Theory, Erice (Sicily), Italy.
- May 2014 Plenary talk opening the annual conference of the Israeli chapter of the Game Theory Society, Tel Aviv, Israel.
- June 2014 Jointly with Y. Babichenko and S. Barman presented the paper "Simple Approximate Equilibria in Large Games," at the 15th ACM conference on Economics and Computation.
- Sep 2014 Invited talk at the Transatlantic Theory Workshop, Paris, France.
- June 2015 A joint paper with Gilad Bavly has been invited for a plenary talk at the 10th International Conference on Computability, Complexity and Randomness, 22–26 June 2015, Heidelberg, Germany.
- July 2015 Invited talk at the 38th Conference on Stochastic Processes and their Applications, 13–17 July 2015, Oxford United Kingdom.
- Jan 2016 Invited talk at the 11th International Conference on Computability, Complexity and Randomness, 4–9 January 2016, Honolulu, Hawaii.
- Jan 2017 5th Workshop on Stochastic Methods in Game Theory, Erice (Sicily), Italy.
- July 2017 Plenary talk at the 28th International Conference on Game Theory, 17–21 July 2017, Stony Brook, New York.