

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
Tel:	+972-3-5317617
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.Sc. Mathematics and Computer Science	Hebrew University
2006	M.A. Mathematics	Hebrew University
2010	Ph.D. Mathematics 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)
2010-2012	Postdoc, School of Mathematical Sciences, Tel Aviv University	100
2012-2015	Assistant Professor, Department of Mathematics, London School of Economics and Political Science	100
2015-2018	Lecturer, Department of Economics, Bar Ilan University, Israel	100
2018-now	Senior 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> .
2015	Organizing a workshop at The 27th International Conference on Game Theory, Stony Brook, NY.
2016	Program committee: Symposium on Algorithmic Game Theory (SAGT), Liverpool, UK.
2017	Organizing committee: The 9 th Israeli Game Theory Conference.
2018	Co-organizer The 10 th Israeli Game Theory Conference.
2019	Program committee: Learning, Evolution & Games.

2021	Program committee: The Twenty-Second ACM Conference on Economics and Computation (EC'21)
	Refereeing for journals and conferences: <i>GEB</i> , <i>JET</i> , <i>MOR</i> , <i>TE</i> , <i>Econometrica</i> , and others.

GRANTS/AWARDS

Year	
2020-2023	Israel Science Foundation 2566/20, 187000 NIS per year for 4 years (equally shared with I. Arieli, Technion).

COURSES TAUGHT/TEACHING 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	
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2012-2013	Game Theory Taught Seminar (LSE)
2016-2018	Complexity in Economics (BIU)

MAIN RESEARCH INTERESTS

Game Theory: dynamic games, dynamic learning in networks.

SUPERVISION OF GRADUATE STUDENTS

Ph.D Student:

2013-2018: Nicola Wittur (LSE)

MA Students:

2013: Hongjie Zhang (LSE)

2013: Yue Chang (LSE)

2013: Neng Xiong (LSE)

2014: Biao Mi (LSE)

LIST OF PUBLICATIONS

ARTICLES IN REFEREED JOURNALS

1. Ziv Hellman and Ron Peretz (2020). "A Survey on Entropy and Economic Behavior," *Entropy*, 22 (2), 157.
<https://doi.org/10.3390/e22020157>
2. Itai Arieli, Yaakov Babichenko, Ron Peretz, and Peyton H. Young (2019). "The Speed of Innovation Diffusion in Social Networks," *Econometrica*, 88 (2), 569 – 594.
<https://ssrn.com/abstract=3287726>
3. Gilad Bavly, Ron Peretz (2019). "Limits of Correlation in Repeated Games with Bounded Memory," *Games and Economic Behavior*, 115, 131 – 145.
<https://doi.org/10.1016/j.geb.2019.03.003>
4. Yakov Babichenko, Yuval Emek, Michal Feldman, Boaz Patt-Shamir, Ron Peretz, Rann Smorodinsky (2019). "Stable Secretaries," *Algorithmica*, 81 (8), 3136 – 3161.

- <https://doi.org/10.1007/s00453-019-00569-6>
5. Ziv Hellman, Ron Peretz (2018). “Values for Cooperative Games over Graphs and Games with Inadmissible Coalitions,” *Games and Economic Behavior*, 108 (in honour of Lloyd Shapley), 22 – 36 .
<https://doi.org/10.1016/j.geb.2016.12.007>
 6. Yakov Babichenko, Siddharth Barman, Ron Peretz (2016). “Empirical Distribution of Equilibrium Play and Its Testing Application,” *Mathematics of Operations Research* 42 (1), 15 – 29.
<http://pubsonline.informs.org/doi/abs/10.1287/moor.2016.0794>
 7. Olivier Gossner, Penelope Hernandez, Ron Peretz (2016). “The Complexity of Interacting Automata,” *International Journal of Game Theory* 45 (1, in honor of Abraham Neyman), 461–496.
<http://link.springer.com/article/10.1007%2Fs00182-015-0521-7>
 8. Ron Peretz (2015). “Effective Martingales with Restricted Wagers,” *Information and Computation* 245, 152–164.
<http://www.sciencedirect.com/science/article/pii/S089054011500098X>
 9. 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>
 10. Yakov 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/>
 11. 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>
 12. Ron Peretz (2013). “Correlation through Bounded Recall Strategies,” *International Journal of Game Theory* 42 (4), 867–890.
<http://link.springer.com/article/10.1007%2Fs00182-012-0334-x>
 13. 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 PAPERS

14. Yakov Babichenko, Siddharth Barman, Ron Peretz (2014). "Simple Approximate Equilibria in Large Games," **15th ACM conference on Economics and Computation (EC'14)**.
15. Rann Smorodinsky, Yuval Emek, Michal Feldman, Boaz Patt-Shamir, Yakov Babichenko, Ron Peretz (2017). "Stable Secretaries," **18th ACM conference on Economics and Computation (EC'17)**.

WORKING PAPERS

16. Ron Peretz, Amnon Schreiber, Ernst Schulte-Geers. "The Lipschitz Constant of Perturbed Anonymous Games," submitted.
<https://arxiv.org/abs/2004.14741>

INVITED AND PLENARY TALKS AT INTERNATIONAL CONFERENCES

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| Oct 2011 | European Winter Meeting of the Econometric Society, Tel Aviv, Israel. |
| 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. |
| 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 10 th International Conference on Computability, Complexity and Randomness, 22–26 June 2015, Heidelberg, Germany. |
| July 2015 | Invited talk at the 38 th Conference on Stochastic Processes and their Applications, 13–17 July 2015, Oxford, United Kingdom. |
| Jan 2016 | Invited plenary talk at the 11 th International Conference on Computability, Complexity and Randomness, 4–9 January 2016, Honolulu, Hawaii. |
| July 2017 | Plenary talk at the International Conference on Game Theory in Honor of Pradeep Dubey and Yair Tauman, 17–21 July 2017, Stony Brook, New York. |

- May 2017 6th Workshop on Stochastic Methods in Game Theory, 5–13 May, 2017, Erice, Italy.
- June 2018 Arne Ryde conference on Learning, Evolution, and Games (LEG2018), 4–5 June, 2018, Lund, Sweden.
- Jan 2018 Parisian Game Theory Seminar, 21 January, 2018, Paris, France.
- Feb 2021 One World Game Theory Seminar, 22 February, 2021. Online.