

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

**Name: Ron Peretz**

**PERSONAL DATA**

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<b>Tel:</b>	+972-3-5318345/6
<b>E-mail:</b>	ron.peretz@biu.ac.il
<b>Place of Birth:</b>	Israel
<b>Date of Birth:</b>	24 May 1975
<b>Marital Status:</b>	Married

**EDUCATION**

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

**ACADEMIC AFFILIATIONS/APPOINTMENTS**

<b>Year</b>	<b>Appointment</b>	<b>(Work Percentage)</b>
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
2015-2018	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)**

<b>Year</b>	
2014-now	Associate Editor for <i>Theory and Decision</i> .
2012-2014	Organising departmental game theory research seminar (LSE).
2015	Organising a workshop at The 27th International Conference on Game Theory, Stony Brook, NY.
2016	Programme committee member Symposium on Algorithmic Game Theory (SAGT), Liverpool, UK.

2017	Organising committee The 9 <sup>th</sup> Israeli Game Theory Conference.
2019	Program committee: Learning , Evolution & Games.
	Referring for journals and conferences: <i>GEB</i> , <i>JET</i> , <i>MOR</i> , <i>TE</i> , <i>Econometrica</i> , and others.

### **COURSES TAUGHT/TEACING EXPERIENCE**

Undergraduate:

B.A

<b>Year</b>	
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.

<b>Year</b>	
2012-2013	Game Theory Taught Seminar (LSE)
2016-2018	Complexity in Economics (BIU)

### **MAIN RESEARCH INTERESTS**

Game Theory, information theoretic aspects.

**SUPERVISION OF GRADUATE STUDENTS**

**Ph.D Student:**

**2013-2018:** Nicola Wittur (LSE)

## LIST OF PUBLICATIONS

### WORKING PAPERS

Itai Arieli, Yaakov Babichenko, and Peyton H. Young “The Rate of Innovation Diffusion in Social Networks,” Revise and Resubmit *Econometrica*.

<https://ssrn.com/abstract=3287726>

### ARTICLES IN REFEREED JOURNALS

1. 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>
2. Yakov Babichenko, Yuval Emek, Michal Feldman, Boaz Patt-Shamir, Ron Peretz, Rann Smorodinsky (accpted). Stable Secretaries. *Algorithmica*.  
<https://doi.org/10.1007/s00453-019-00569-6>
3. 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>
4. Yaakov Babichenko, Sidharth 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>
5. 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>
6. Ron Peretz (2015). “Effective Martingales with Restricted Wagers,” *Information and Computation* 245, 152–164.  
<http://www.sciencedirect.com/science/article/pii/S089054011500098X>
7. 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>
8. 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/>

9. 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>
10. 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>
11. 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**

12. Yaakov Babichenko, Sidharth Barman, Ron Peretz (2014). "Simple Approximate Equilibria in Large Games," *15<sup>th</sup> ACM conference on Economics and Computation (EC14)*.
13. Rann Smorodinsky, Yuval Emek, Michal Feldman, Boaz Patt-Shamir, Yakov Babichenko, Ron Peretz (2017). "Stable Secretaries," *18<sup>th</sup> ACM conference on Economics and Computation (EC 2017)*.