

## Ronen Gradwohl

Assistant Professor of Managerial Economics & Decision Sciences

---

Phone: (847) 467-0943

Email: [r-gradwohl@kellogg.northwestern.edu](mailto:r-gradwohl@kellogg.northwestern.edu)

<http://www.kellogg.northwestern.edu/faculty/Gradwohl/index.html>

Position	<b>MEDS, Kellogg School of Management Electrical Engineering and Computer Science (courtesy) Northwestern University</b> Assistant Professor Donald P. Jacobs Scholar	2010- 2009-2010
Education	<b>Weizmann Institute of Science, Rehovot, Israel</b> PhD, Computer Science and Applied Mathematics M.Sc., Computer Science and Applied Mathematics	2005-2009 2003-2005
	<b>University of California, Berkeley</b> B.Sc., Electrical Engineering and Computer Science	1999-2003
Working Papers	1. <b>Decentralized Advice</b> (with Timothy Feddersen). 2. <b>Privacy in Repeated Games</b> (with Rann Smorodinsky).	
Journal Publications	3. <b>Persuasion and Transparency</b> (with Timothy Feddersen). <i>The Journal of Politics</i> , 80, 2018: 903-915. 4. <b>Voting in the Limelight</b> , <i>Economic Theory</i> , 66(1), 2018: 65-103. Extended abstract in EC 2017. 5. <b>Privacy in Implementation</b> , <i>Social Choice and Welfare</i> , 50(3), 2018: 547-580. 6. <b>Perception Games and Privacy</b> (with Rann Smorodinsky). <i>Games and Economic Behavior</i> 104, 2017: 293-308. 7. <b>Achieving Cooperation under Privacy Concerns</b> (with Wioletta Dziuda), <i>American Economic Journal: Microeconomics</i> 7(3), 2015: 142-173. 8. <b>Tractable Falsifiability</b> (with Eran Shmaya), <i>Economics and Philosophy</i> 31(2), 2015: 259-274.	

9. **Fault Tolerance in Large Games** (with Omer Reingold), *Games and Economic Behavior* 86, 2014: 438-457. Earlier version in EC 2008.
10. **Sequential Rationality in Cryptographic Protocols** (with Noam Livne and Alon Rosen), *ACM Transactions on Economics and Computation* 1(1), 2013: Article 2. Earlier version in FOCS 2010.
11. **Partial Exposure in Large Games** (with Omer Reingold), *Games and Economic Behavior* 68(2), 2010: 602-613.
12. **Players' Effects under Limited Independence** (with Ariel Yadin, Amir Yehudayoff, and Omer Reingold), *Mathematics of Operations Research* 34(4), 2009: 971-980.
13. **Cryptographic and Physical Zero-Knowledge Proof Systems for Solutions of Sudoku Puzzles** (with Moni Naor, Benny Pinkas, and Guy Rothblum), *Theory of Computing Systems* 44, 2009: 245-268.
14. **t-Wise Independence with Local Dependencies** (with Amir Yehudayoff), *Information Processing Letters* 106, 2008: 208-212.
15. **Information Sharing and Privacy in Networks**, proceedings of 18th ACM Conference on Economics and Computation, EC 2017.
16. **Rationality in the Full-Information Model**, proceedings of 7th IACR Theory of Cryptography Conference, TCC 2010.
17. **Fault Tolerance in Distributed Mechanism Design**, proceedings of 4th Workshop on Internet and Network Economics, WINE 2008.
18. **Price Variation in a Bipartite Exchange Network**, proceedings of 1st International Symposium on Algorithmic Game Theory, SAGT 2008.
19. **Random Selection with an Adversarial Majority** (with Salil Vadhan and David Zuckerman), proceedings of 26th Annual International Cryptology Conference, CRYPTO 2006.
20. **On the Error Parameter of Dispersers** (with Guy Kindler, Omer Reingold, and Amnon Ta-Shma), proceedings of 9th International Workshop on Randomization and Computation, RANDOM 2005.

Refereed  
Conference  
Proceedings

Grants &  
Awards

- NSF grant #1718670, "The Utilitarian Implications of Privacy Protections," with Rann Smorodinsky, ~\$300,000 2017-2020
- NSF grant #1216006, "Mechanism Design with Information-Sensitive Agents," ~\$315,000. 2012-2016

	- Chairs' Core Course Teaching Award	2012-2013
	- Daniel Brenner Memorial Prize	2009
	- Bikura Post-Doctoral Award (declined)	2009
Teaching	MBA: Business Analytics	2014-2018
	Decision Making under Uncertainty	2009-2014
	PhD: Static Optimization in Economics	2009-2018
	Game Theory	2014-2015
	BA: An Introduction to Computer Science	2012-2015
	Computational Complexity	2008-2009
	Algorithms	2008-2009
Talks	<b>2018:</b> Tel Aviv University IE Seminar, Technion Game Theory Seminar, Interdisciplinary Center Herzliya Economics Seminar, Northwestern CMS-EMS Bag Lunch Seminar, Transatlantic Theory Workshop, Political Economy in the Chicago Area Conference.	
	<b>2017:</b> Bar Ilan University Seminar, North American Summer Meeting of the Econometric Society, ACM Conference on Economics & Computation.	
	<b>2016:</b> University of Utah Business Economics Seminar, Northwestern CMS-EMS Bag Lunch Seminar, World Congress of the Game Theory Society, Midwest Economic Theory Workshop, Midwest Political Science Association Conference.	
	<b>2015:</b> Columbia University Political Economy Seminar, Decentralization Conference, Technion Game Theory Seminar, Haifa University Seminar, Bar Ilan University Seminar, Econometric Society World Congress.	
	<b>2014:</b> Tel Aviv University Economic Theory Seminar, Hebrew University Computation & Economics Seminar, Technion Game Theory Seminar, Northwestern CMS-EMS Seminar, North American Summer Meeting of the Econometric Society, Political Economy in Chicago Area Conference.	
	<b>2013:</b> Harvard-MIT Theory Seminar, Caltech Privacy and Economics Workshop (plenary speaker), Annual Economic Theory Conference at Gerzensee (ESSET).	
	<b>2012:</b> Tel Aviv University Economic Theory Seminar, Hebrew University Center for Rationality Game Theory Seminar, World Congress of the Game Theory Society, North American Summer Meeting of the Econometric Society, Northwestern MEDS lunch.	
	<b>2011:</b> Tel Aviv International Game Theory Workshop, Decision Games & Logic Workshop, Transatlantic Theory Workshop, Workshop on the Problem of Prediction at Northwestern.	

**2010:** Northwestern Computer Science Theory Seminar, Bertinoro Workshop on Frontiers in Mechanism Design, Workshop on Solution Concepts for Extensive Games.

**2009:** Post-ISMP Mini-Workshop on Algorithmic Game Theory.

**2008:** Technion Game Theory Seminar, World Congress of the Game Theory Society, ACM Conference on Electronic Commerce, International Workshop on Internet and Network Economics, International Symposium on Algorithmic Game Theory.

**2007:** Northwestern University Center for Mathematical Studies in Economics and Management Science Theory Seminar, International Conference on Fun with Algorithms.

**2006:** Hebrew University Computer Science Theory Seminar, Technion Computer Science Theory Seminar.

**2005:** Tel Aviv University Computer Science Theory Seminar, Weizmann Institute of Science Foundations of Computer Science Seminar, Harvard University Theory of Computation Seminar, International Workshop on Randomization and Computation.

Professional Activities Program committees: ACM Conference on Economics & Computation (2010, 2013, 2014), International World Wide Web Conference (2012, 2013), 2009 Ad Auctions Workshop, 3rd World Congress of the Game Theory Society.

External reviewer: *American Economic Review*, *Econometrica*, *Review of Economic Studies*, *Games and Economic Behavior*, *Journal of Economic Theory*, *Mathematics of Operations Research*, *SIAM Journal on Computing*, *Computational Complexity*, *Discrete Applied Mathematics*, and various EC, FOCS, STOC, CCC, and CRYPTO proceedings.