

Itai Ashlagi - Curriculum Vitae

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- **Contact Information**

- Harvard Business School, Harvard University.
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- **Current Position**

- 2008-current Postdoctoral fellow at Harvard Business School; advised by Alvin Roth.

- **Education**

- 2005-2008 PhD in Operations Research, Technion - Israel Institute of Technology.
- 2003-2005 M.Sc. summa cum laude in Operations Research, Technion - Israel Institute of Technology.
- 1996-1999 B.A. magna cum laude in Mathematics and Computer Science 1999, Haifa University.

- References**

- Prof. Alvin E. Roth, HBS, Harvard, (617) 495-5447, al_roth@harvard.edu.
 - Prof. David C. Parkes, EECS, Harvard, (617) 384-8130, parkes@eecs.harvard.edu.
 - Prof. Moshe Tennenholtz, Technion, (972-4) 829-4550, moshet@ie.technion.ac.il.
 - Prof. Rann Smorodinsky, Technion, (972-4) 829-4422, rann@ie.technion.ac.il.

- **Industrial Experience**

- 2001-2003: Team leader and software engineer, Wanway Technologies, Herzliya.
- 1999-2000: Software engineer, Comverse, Atidim, Tel-Aviv.

- **Research Interests**

- Game theory, Mechanism Design, Market design, Multi-agent systems, Learning in games, Auction theory.

- **Awards**

- Outstanding paper award for “An Optimal Lower Bound for Anonymous Scheduling Mechanisms”, in the ACM Conference on Electronic Commerce (EC 09).

- Special Aaron and Miriam Gutwirth Memorial Scholarship for research excellence 2007.
 - Finalist for best student paper award in AAMAS 06.
 - M.Sc. graduation Summa Cum Laude. Thesis grade - 100.
 - Granted fellowship during all PhD studies (for excellence).
 - Granted fellowship during all M.Sc. studies (for excellence).
 - Granted fellowship during last two years of B.A.
 - B.A. graduation Magna Cum Laude.
- **Theses**
 - PhD Thesis: Pre-Bayesian Games. Technion - Israel Institute of Technology.
 - M.Sc. Thesis: On the Value of Correlation. Technion - Israel Institute of Technology.
- **Papers in Refereed Journals**
 - Two-Terminal Routing Games with Unknown Active Player, *Artificial Intelligence Journal* - forthcoming (with D. Monderer and M. Tennenholtz).
Based on the following two short papers:
 - “Resource Selection Games with Unknown Number of Players” (AAMAS 06).
 - “Routing Games with an Unknown Set of Active Players” (AAMAS 07).
 - On the Value of Correlation, *Journal of Artificial Intelligence Research* (with D. Monderer and M. Tennenholtz).
A shorter version appears in the proceedings of UAI 05.
 - Mediators in Position Auctions, *Games and Economic Behavior* (with D. Monderer and M. Tennenholtz).
A shorter version appears in the proceedings of EC 07.
- **Papers in Refereed Conference Proceedings**(not appearing above)
 - An Optimal Lower Bound for Anonymous Scheduling Mechanisms, EC 09 (with S. Dobzinski and R. Lavi).
Winner the outstanding paper award.
 - Social Context Games, WINE 08 (with P. Krysta and M. Tennenholtz).
 - K-NCC: Stability against Group Deviations in Non-Cooperative, WINE 07 (with A. Klinger and M. Tennenholtz).
 - Learning Equilibrium in Congestion Games, AAAI 07 (with D. Monderer and M. Tennenholtz).
 - Robust Learning Equilibrium, UAI 06 (with D. Monderer and M. Tennenholtz).

- **Working Papers**

- Simultaneous Ad Auctions, submitted (with D. Monderer and M. Tennenholtz).
- A Characterization of Anonymous Truth-Revealing Position Auctions, submitted.
- A Noncooperative Support for Equal Division in estate Division Problems, revise and resubmit (with E. Karagozoglou and B. Klaus).
- Monotonicity and Implementability, submitted (with M. Braverman, A. Hassidim and D. Monderer).
- Ascending Unit Demand Auctions with Budget Limits (with M. Braverman and A. Hassidim).
- Position Auctions With Budgets: Existence and Uniqueness (with M. Braverman, A. Hassidim, R. Lavi and M. Tennenholtz).

- **Work in Progress**

- Transplant Centers' Incentives in Kidney Exchange (with A.E Roth).
- Medical Innovations and Medical Ethics: Improving Welfare While Doing No Harm (with A. Roth).

- **Invited Talks**

- The 20th International Symposium of Mathematical Programming (ISMP 2009).
- Microsoft Research, 2009.
- Google NY, 2008.
- Dagstuhl workshop on Computational Social Systems and the Internet, Dagstuhl, Germany, 2007.
- Dagstuhl workshop on Markets and Computation, Dagstuhl, Germany, 2005.

- **Additional Conference and Seminar Presentations**

- Economics theory seminar, Maastricht University, Netherlands, 2009.
- Econ-CS seminar, Harvard, USA, 2009.
- Econ-CS seminar, Harvard, USA, 2008.
- Market Design Workshop, Harvard, USA, 2008.
- 4th Workshop on Sponsored-Search, Chicago, USA, 2008.
- 3rd Israeli Seminar on Computational Game Theory, Google, Israel, 2008.
- CS theory seminar, Cornell, USA, 2007.
- Microsoft, Mountain View, USA, 2007.
- AI seminar, UIUC, USA, 2007.

- CS Theory seminar, Georgia-Tech, USA, 2007.
- AI seminar, Stanford, USA, 2007.
- Israeli Operations Research Society conference, (ORSIS-06) Nahariya, Israel 2006.
- The 2nd Israeli Game Theory Conference, The Open University of Israel, Raanana 2006.
- 8th Israeli Symposium on the Foundations of AI, (BISFAI-05), Haifa, Israel, 2005.
- Game Theory seminar. Tel Aviv, Israel, 2005.

- **Public Activities**

- Program Committee, EC 10, EC 09, IJCAI 09, UAI 09, AAMAS 09 and AMMA 09.
- Referee for Artificial Intelligence Journal, Journal of Artificial Intelligence Research, Games and Economic Behavior, Transactions On Algorithms.
- Reviewer for EC 07, TARK 07.

- **Teaching Experience**

- 2002-2008, Teaching Assistant, Technion, Haifa, Israel. Courses: Non-Cooperative Game Theory (graduate, undergraduate, and MBA), Probability, Linear Dynamic Systems, Scheduling, and Simulation.
- 1998-1999, Teaching Assistant, Haifa University, Haifa, Israel. Courses: Introduction to Algorithms, and Computer Structure and Language.