

Noam Nisan

School of Computer Science and Engineering
Hebrew University of Jerusalem, Israel
email: noam@cs.huji.ac.il
web: <http://www.cs.huji.ac.il/~noam>

Education

- 1988 – Ph.D. in Computer Science, University of California, Berkeley. Advisor: Prof. Richard Karp.
- 1984 – B.Sc. summa cum laude in Mathematics and in Computer Science, Hebrew University of Jerusalem.

Employment

- 1990-current: Full Professor (since 1997), Associate Professor (since 1994), Senior Lecturer, and Lecturer, School of Computer Science and Engineering, Hebrew University of Jerusalem, Israel.
- 2007-2009: Research Scientist, Google Tel-Aviv. (On sabbatical from Hebrew University.)
- 1998-2003: Founder and board member, SeeRun Inc. eBusiness management software.
- 1997-1999: Director of Computer Science Program, Interdisciplinary Center, Herzlia. (On sabbatical from Hebrew University.)
- 1989: Postdoctoral researcher, MIT Laboratory of Computer Science.
- 1985-88: Research assistant and teaching assistant, University of California, Berkeley.
- 1984-85: Software Engineer, Clarity systems, Herzlia, Israel. CAD for VLSI.

Honors

- Bruno award (2004).

- Invited talk to International Congress of Mathematics, Zurich (1994).
- Bergman Memorial research grant (1993).
- Alon Fellowship (1990).
- ACM distinguished dissertation award (1990).
- As a student: Grant from Digital Equipment corporation (1987), Eugene C. and Mona Fay Gee Scholarship (1986), U.C. Regents Fellowship (1985), Aharon Gertz Award (1983), Deans list each undergraduate year (1982-84).

Grants (since 2000)

- Ministry of Science (Dec. 1997-2000), with I. Ben-Shaul, I. Cidon, H. Krawczyk, and B. Pat-Shamir. Content Distribution and Management in the Information Highway.
- Ministry of Science (Dec. 1999-2000), with D. Lehmann. Servers and Protocols for Complex Internet Auctions.
- Israeli Academy of Sciences (Oct. 1999-2003). Computational and Electronic Markets.
- Israeli Academy of Sciences (Oct. 2003-2006). Electronic Markets and Auctions.
- USA-Israel Binational Science Foundation (Oct. 2003-2006), with J. Feigenbaum. Decentralized Resource Allocation: Incentives and Computation.
- Israeli Academy of Sciences (Oct. 2006-2010). The Border of Economics and Computation.

Service (since 2000)

- Program committee chair, ACM conference on Electronic Commerce, 2003.
- Editor: *Combinatorica*, 1992-current; *Math of Operations Research*, 2005-current, *Games and Economic Behavior* 2006-current.

- Program committee member (partial): 2000 International Conference on Distributed Computing Systems; 2001 ACM Symposium on Theory of Computing; 2005 Workshop on Internet and Network Economics; 2006 ACM conference on electronic commerce; 2008 World Wide Web conference (monitization track); 2010 Foundations of Computer Science; 2010 Workshop on Computational Social Choice.
- Invited talks (recent): Games 2008; ICALP 2009; SAGT 2009; EURO 2009; ESA 2009; SODA 2010; COLT 2010.
- Board member, Electronic Colloquium on Computational Complexity, 1994-2004.
- Workshop co-organiser, DIMACS workshop on computational aspects of game theory and mechanism design, 2001; 1st–5th Israeli Computational Game Theory Seminar, 2006-2010.
- Blogger, “Algorithmic Game Theory” (agtb.wordpress.com), since 2009.
- Member, Israel national committee on computation and Information, 1999-2001.
- Member, Israel’s high-school CS curriculum committee, 2005-current.
- Chair of CS Studies, Hebrew University, 2003-2004.

Thesis supervision

- Michal Parnas, Ph.D., “Robust Algorithms and Data Structures for Information Retrieval”, 1994 (joint advisor with D. Dolev).
- Amnon Ta-Shma, M.Sc. and Ph.D., “Extracting Randomness”, 1996.
- Amir Ronen, Ph.D., “Solving optimization problems among selfish agents”, 2000.
- Ron Lavi, Ph.D., “Auction Theory in Computational Settings”, 2004.
- Moshe Babaiof, M.Sc. and Ph.D., “Strategic Aspects of Computational Markets”, 2005.
- Ahuva Mualem, Ph.D., “Incentives and Computation: Combinatorial Auctions and Networks”, 2005.

- Liad Blumrosen, M.Sc. and Ph.D., “Information and Communication in Mechanism Design”, 2006.
- Michael Schapira, M.Sc and Ph.D., “The Economics of Internet Protocols”, 2008.
- Shahar Dobzinski, M.Sc, and Ph.D., “The Power of Approximations in Mechanism Design”, 2009.
- Ilan Nehama, Ph.D., in progress.
- Ilan Kremer, M.Sc., “Quantum Communication Complexity”, 1995.
- Dorit Aharonov, M.Sc., Quantum Computation, 1997.
- Shmuel London, M.Sc., “POPCORN – a paradigm for global computing”, 1998.
- Ori Regev, M.Sc., “The POPCORN market – an online market for computational resources”, 1998
- Noam Camiel, M.Sc., “The Shared Object POPCORN System”, 1999.
- Lior Levi, M.Sc., “The MAJIC system: Online market for distributed object services”, 2000.
- Edo Zurel, M.Sc., “A practical approach to Combinatorial Auctions”, 2002.
- Assaf Ben-David, M.Sc., “A System for Secure Multiparty Computation”, 2008.

Personal data

Born 20.6.61, Rehovot, Israel. Married + 3 children. Israeli citizenship.