

## **Avner Shaked**

Born: 24 December 1943, Israel

### **Education:**

1964: B.Sc. Mathematics & Physics, (with Special Distinction)  
Hebrew University, Jerusalem

1965: M.Sc. Mathematical Logic, (with Special Distinction)  
Hebrew University, Jerusalem

(1965/68: Military Service)

1972: Ph.D. in Economics under the supervision of M.E. Yaari, H.U., Jerusalem

### **Academic Positions:**

1968: Assistant Lecturer, Maths Dept. H.U., Jerusalem

1969/72: Assistant Lecturer, Economics Dept. H.U., Jerusalem

1972/74: Research fellow, Nuffield college, Oxford

1974/76: Lecturer, Economics Dept. H.U., Jerusalem

1976/77: Lecturer, Economics Dept, Birmingham University, U.K.

1977/83: Lecturer, Economics Dept. London School of Economics, U.K.

1983/89: Reader In Economics, L.S.E., U.K.

1989- Professor of Economic Theory, Bonn University, Germany

**Visiting Positions:**

- 1985/86:     1. Visiting Fellow, Laboratoire d'Econometrie de l'Ecole Polytechnique, Paris  
              2. Visiting Professor, Economics Dept. University of California, San Diego
- 1988/89:     1. Visiting Professor, Economics Dept. Princeton University  
              2. Visiting Scholar, C.V. Starr center, New York University
- 1991 -        Visiting Professor, Economics Dept.  
              Tel Aviv University.
- 1992/00      Visiting Professor, Economics Dept.  
              University College London.
- 1994         Fellow at the Institute for Advanced Studies,  
              Hebrew University, Jerusalem.  
              Year on Aspects of Rational Behaviour in Philosophy,  
              Economics and Psychology.
- 1998 -        Visiting Professor CERGE Prague

**Other Activities:**

- 1982/93:     Member of the Editorial Board of the Review of Economic Studies.
- 1982/87:     Secretary organizer of the Workshop in Theoretical Economics,  
              STICERD, L.S.E.
- 1983/89:     London Coordinator of the European Doctoral Program.
- 1988/91:     Associate Editor, The Quarterly Journal of Economics.
- 1992 -        Fellow of the Econometric Society
- 1993/95      Associate Editor, Journal of Economic Theory
- 1998 -        Member of the Executive and Supervisory Committee (ESC) of CERGE-EI,  
              Charles University, Prague
- 2006-        Member of the Hausdorff Centre for Mathematics. An Excellence Cluster of the  
              Mathematics and the Economics depts. Bonn University.

**Grants:**

1. The Economics of Vertical Differentiation  
(with J. Sutton). STICERD/L.S.E.
2. Bargaining and Voluntary unemployment  
(with J. Sutton). STICERD/L.S.E.
3. Experiments in Bargaining  
(with K.G. Binmore and J. Sutton). STICERD/L.S.E.
4. Experiments in Bargaining and Outside Options  
(with K.G. Binmore and J. Sutton). ESRC
5. Local Interactive Systems with Bounded Rationality.  
Deutsche Forschungsgemeinschaft (SFB 303) 1990-1993
6. Learning Rules, Evolution and Local Interactive Systems  
Deutsche Forschungsgemeinschaft (SFB 303) 1993-1999
7. Loyalty, Heterogeneity and Social Networks  
Deutsche Forschungsgemeinschaft (SFB/TR 15) 2004- 2007

**Teaching Experience:**

## Lectures on:

Introductory and Advanced Game Theory  
Information Economics  
Graduate and Undergraduate Industrial Organization  
Mechanism Design and Contract Theory  
Experimental Economics  
Behavioral Economics  
Evolutionary Game Theory  
Bargaining Theory  
Advanced Economic Theory  
Principles of Micro and Macroeconomics  
Intermediate Microeconomics  
Mathematics for Economists (basic & advanced levels)

## Graduate Seminars on:

Industrial Organisation  
Model of Advertising  
Decision Theory & Uncertainty  
Evolutionary Game Theory  
Search Theory  
International Trade

**Research interests:**

Evolutionary Game Theory	Evolution of Cooperation and Loyalty
Learning Theory	Experimental Game Theory
Industrial Organization	Matching

**Publications:**

1. Non Existence of Equilibria for the Two Dimensional Three Firms Location Problem.  
*Review Of Economic Studies*, 1975, **42**, 51-56
2. Absolute Approximations to Equilibrium in Markets with Non-Convex Preferences  
*Journal of Mathematical Economics*, 1976, **3**, 185-196
3. Heterogeneous Consumers and Product Differentiation in a Market for Professional Services  
*European Economics Review*, 1981, **15**, 159-177  
(with J. Sutton)
4. The Self Regulating Profession  
*Review of Economic Studies*, 1981, **22**, 217-234  
(with J. Sutton)
5. International Trade with Differentiated Products  
*International Economic Review*, 1981, **22**, 527-534  
(with J. Gabszewicz, J. Sutton & J-F. Thisse)
6. Human Environment as a Local Public Good  
*Journal of Mathematical Economics*, 1982, **9**, 275-283
7. Existence and computation of Mixed Strategy Nash Equilibrium for 3 Firms Location Problems  
*Journal of Industrial Economics*, 1982, **31**, 93-96
8. Relaxing Price Competition Through Product Differentiation  
*Review of Economic Studies*, 1982, **49**, 3-14  
(with J. Sutton)
9. Imperfect Information, Perceived Quality and the Formation of Professional Groups  
*Journal of Economic Theory*, 1982, **27**, 170-181  
(with J. Sutton)
10. Natural Oligopolies  
*Econometrica*, 1983, **51**, 1469-1484  
(with J. Sutton)
11. Natural Oligopolies and International Trade: An Introduction  
in: *Monopolistic Competition and International Trade*  
ed. H. Kierzkowski, Oxford University Press, 1984  
(with J. Sutton)
12. Involuntary Unemployment as a Perfect Equilibrium in a Bargaining Model  
*Econometrica*, 1984, **52**, 1351-1364  
(with J. Sutton)

13. Testing Noncooperative Bargaining Theory: A Preliminary Study  
*American Economic Review*, 1985, **75**, 1178-1180  
(with K.G. Binmore & J. Sutton)
14. Segmenting the Market: The Monopolist's Optimal Product Mix  
*Journal of Economic Theory*, 1986, **39**, 273-289  
(with J. Gabszewicz, J. Sutton & J-F. Thisse)
15. Product Differentiation and Industrial Structure  
*Journal of Industrial Economics*, 1987, **36**, 131-146  
(with J. Sutton)
16. A Further Test of Noncooperative Bargaining Theory: Reply  
*American Economic Review*, 1988, **78**, 837-839  
(with K.G. Binmore & J. Sutton)
17. An Outside Option Experiment  
*The Quarterly Journal of Economics*, 1989, **104**, 753-770  
(with K.G. Binmore & J. Sutton)
18. Multiproduct Firms and Market Structure  
*RAND Journal of Economics*, 1990, **21**, 45-62  
(with J. Sutton)
19. Do People Exploit Their Bargaining Power? - An Experimental Study  
*Games and Economic Behavior*, 1991, **3**, 295-322  
(with K.G. Binmore, P. Morgan & J. Sutton )
20. Opting Out: Bazaars versus "Hi Tech" Markets  
*Investigaciones Economicas*, 1994, XVIII, 421-432
21. Correlated Equilibria and Local Interactions  
*Economic Theory*, 1997, **3**, 551-556  
(with G.J. Mailath & L. Samuelson)
22. Altruists Egoists and Hooligans in a Local Interaction Model  
*American Economic review*, 1998, **88**, 157-179  
(with I. Eshel & L. Samuelson)
23. The Emergence of Kinship Behavior in Structured Populations of Unrelated Individuals.  
*International Journal of Game Theory*, 1999, **28 (4)**, 447-463.  
(With I. Eshel & E. Sansone)
24. Cooperation, Mimesis and Local Interaction.  
*Sociological Methods and Research*, 2000, **28 (3)**, 341-364.  
(with I. Eshel, D. Herreiner, L. Samuelson & E. Sansone)

25. Endogenous Interactions  
in *The Evolution of Economic Diversity*, edited by Ugo Pagano and Antonio Nicita. Routledge, 2001.  
(with G. J. Mailath & L. Samuelson)
26. Endogenous Inequality in Integrated Labor Markets with Two-Sided Search  
*American Economic review*, **90** (March 2000), 46-72.  
(with L. Samuelson & G. Mailath)
27. Partnership  
*Journal of Theoretical Biology*, 2001, **208**, 457-474.  
(With I. Eshel)
28. A Backward Induction Experiment.  
*Journal of Economic Theory*, 2002, **104**, 48-88,  
(With K. Binmore, J. McCarthy, G. Ponti & L. Samuelson)
29. Gregarious Behaviour of Evasive Prey  
*Journal of Mathematical Biology*, 2006, **52(5)**, 595-612  
(DOI: 10.1007/s00285-005-0364-0)  
(With I. Eshel & E. Sansone)
30. Experimental Economics: Where Next ?  
*Journal of Economic Behavior & Organization*, forthcoming ,2009  
(With Ken Binmore)

### **Papers in Preparation**

1. On the Evolution of Gregarious Behaviour II: The Leader's Role (with Ilan Eshel and Emila Sansone)
2. Searching a Partner in a shrinking Population.
3. Stable Coexistence of Cooperators and Defectors (with Helmut Bester and Karl Wärneryd)