

Avishai (Avi) Mandelbaum
The Benjamin & Florence Free Chair in IE&M

Office Address

Faculty of Industrial Engineering and Management
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Personal

Birth year: 1951; Family status: Married, three children

Education

Ph.D. Probability and Statistics; Operations Research and Mathematics, 1983, Cornell University
M.Sc. Operations Research, 1981, Cornell University
M.A. Statistics (summa cum laude), 1977, Tel-Aviv University
B.Sc. Mathematics and Computer Science (summa cum laude), 1974, Tel-Aviv University

Employment

2007–present: Director of the SEE (Service Enterprise Engineering) Center
1987–present: Faculty of Industrial Engineering and Management, Technion
Senior Lecturer, 1987–1988; Associate Professor, 1988–1994; Full Professor since 1995
1983–1991: The Graduate School of Business, Stanford University

Research Interests

Stochastic Networks, Control, Statistics, Probability, Service Systems, Call Centers, Healthcare.

Honors (partial list)

The Inaugural Markov lecture, Applied Probability Society, INFORMS 2005, San Francisco
Technion Teaching Prizes (Rosenblatt, Mani, Teaching Excellence)
Technion's Mitchner Prize for Quality Sciences and Quality Management, 2003
Yosef Levy ORSIS (OR Society of Israel) Prize, 2001.
Fellow of the Wharton Financial Institutions Center, 2000–present.
Marcel F. Neuts Applied Probability Award, 1997.
Japan Society for the Promotion of Science (JSPS): Visiting Fellowship, July 1995.
Alon Israeli Young Scientist, 1987–1990.

Professional Responsibilities

Senior Associate Editor, *Manufacturing and Service Operations Management (M&SOM)*, 2003–2006.
Associate Editor, *Queueing Systems: Theory and Applications (QUESTA)*, 1994–present;
Management Science, 1997–present; *Mathematics of Operations Research (MOR)*, 1990–1999;
Program Committees of various conferences; APS Prize Committee (2006–2008; 2007 Chair)

Research Grants

IBM Fellows, 2006–2008.
The Israel Science Foundation (ISF): three Grants (1999–) with P. Feigin, R. Atar, N. Shimkin.
The Binational Science Foundation (BSF), Several National Science Foundations Grants (NSF),
U.S.A., Lower Saxony Ministry of Education and Science (with S. Helber), various Technion Grants.

Graduate Students

Have advised 8 (some jointly) Ph.D. students and 13 M.Sc. students

Scientific Publications

48 papers in peer-reviewed journals; 13 book chapters; many papers in conference proceedings