

CURRICULUM VITAE

SRIDHAR SESHADRI

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EDUCATION

- 1998 Participated in the International Teacher's Program conducted by the London Business School.
- 1989 - 93 Ph.D. in Management Science, University of California, Berkeley.
- 1978 - 80 Postgraduate Diploma in Management, Indian Institute of Management, Ahmedabad, India.
- 1973 - 78 Bachelor of Technology in Mechanical Engineering (with distinction) , Indian Institute of Technology, Madras, India.

ACADEMIC AWARDS, HONORS AND FELLOWSHIPS

- 2004 Named First Toyota Professor of IOMS
- 2004 Appointed Robert Stansky Faculty Fellow at the Stern School
- 2002 DMI-0200406 "Collaborative Research: Resource and Demand Allocation in Dynamic Environments." award of \$147508 to NYU and \$200,000 to NC State University. PI's Seshadri, S. and Chao, X., co-PI: Michael Pinedo.
- 2000 Elected Fellow of the Institution of Engineers (India), March 28, 2000.
- 1998 Received the Stern Teaching Excellence Award.
- 1997 Received the Stern Undergraduate Teacher of the Year Award for the year 1996-1997.
- 1992 George C. and Helen Pardee Scholarship for Graduate Study in Business Administration for the academic year 1992-93.
- 1989 Haas School of Business, U.C. Berkeley
Departmental Fellowship for the academic year 1989-90.
- 1980 Gold medal for scholastic excellence, Indian Institute of Management, Ahmedabad.
- 1979 - 80 Industrial Scholarships for study at the Indian Institute of Management, Ahmedabad.
- 1973 National Science Talent Search Scholarship.
All India Rank 13 in the All India Higher Secondary Examination.

RESEARCH

Areas of Interest: Stochastic modeling and applications in manufacturing, distribution systems, telecommunications, database design, and banking.

Dissertation: Stochastic Models of Semiconductor Fabs.

PROFESSIONAL ACTIVITIES

Associate Editor, Naval Research Logistics, since July 1996.

Associate Editor, Telecommunication Systems, since August 1997.

Area Editor, Inventory, Reliability and Control, *Operations Research Letters*, since January 2002.

Editorial Review Board, *Production and Operations Management*, September 1998. Area Editor since January 1, 2001.

Academic Advisory Board of Annual Editions: Production and Operations Management, Dushkin/McGraw-Hill, since April 1999.

Guest editor for special volume of *IEEE Transactions on Semiconductor Manufacturing* based on articles presented during the "Advanced Semiconductor Manufacturing Conference & Workshop" Sep. 10-12, 1997 at Hyatt Regency Cambridge, MA Sponsored by IEEE and SEMI. To appear in 1999.

Associate Editor for Special Issue on Customer Satisfaction Through Design, Manufacturing and Supply Networks, *Production and Operations Management*, Vol 11, Number 3, Fall 2002.

Co-editor (with Marti Subrahmaniam) of Special Issue on Risk Management of *Production and Operations Management*.

ADMINISTRATIVE RESPONSIBILITY AT STERN

Undergraduate programs director, 2002-2003, 2003-2004.

Phd programme co-director for Operations Management, 2002-2003, 2003-2004.

Acting Assistant Dean for Academic Affairs, Stern Undergraduate College, Spring 2004.

PhD STUDENTS

Served on the thesis committee of Avi Giloni. Avi Giloni is currently a professor at the Sy Syms School of Business, Yeshiva University, New York.

ARTICLES ACCEPTED FOR PUBLICATION

1. Seshadri, S., "New Approach for Computing Order Quantities within Reorder Levels," *TCE*, Oct-Nov 1985.
2. Seshadri, S., "Determination of Aggregate Preventive Maintenance Programs Using Production Capacities," *Computers and Industrial Engineering*, **14**, 2,1988, p.193-200.
3. Hochbaum, D. and S. Seshadri, "The Empirical Performance of a Polynomial Algorithm for Constrained Nonlinear Optimization," *Annals of OR*, **43**,1993, p. 229-248.
4. Glassey, C. R. and S. Seshadri "Transient Flows in Queueing Systems via Closure Approximations," *Queueing Systems*, **14**, Dec. 1993, p. 177-201.
5. Seshadri, S. and J. G. Shanthikumar, "Allocation of Chips to Wafers in a Production Problem of Semiconductor Kits," Vol. 45, **2**, *Operations Research*, Mar-Apr 1997, p. 315-321.
6. Segev, A., S. Seshadri, and D. Rotem, "Optimal Arrangements of Cartridges in Carousel Type Mass Storage Systems," *The Computer Journal*, **37**, 10, 1994, p. 873-887.
7. Nurani, R. K., S. Seshadri and J. G. Shanthikumar, "Optimal Control of a Single Stage Production System Subject to Random Process Shifts," **45**, 5, *Operations Research*, 1997, p. 713-724.
8. F. Harche and S. Seshadri, "An LPT-Bound for a Parallel Multiprocessor Scheduling Problem," *The Journal of Mathematical Analysis and Applications*, **196**, p. 181-195, 1995.
9. Seshadri, Sridhar and V. Srinivasan, "Design of effective buffer control policies for ATM networks," *Performance Evaluation*, **26**, 2, 1996, p. 95-114.
10. Seshadri, S., "A Sample Path Analysis of the Delay in the $M/G/C$ System," *The Journal of Applied Probability*, **33**, 1, 1996, p. 256-266.
11. Rotem, D. and S. Seshadri, "The two-headed disk: Stochastic dominance of the greedy policy," *Information Processing Letters*, **57**, 5, 1996, p. 273-277.
12. C. R. Glassey, S. Seshadri, and J. G. Shanthikumar, "Linear Control Rules for Production Control of Semiconductor Fabs," *IEEE Trans. Semiconductor Manufacturing*, **9**, 4, November 1996, p. 536-549.
13. C. R. Glassey, S. Seshadri, and J. G. Shanthikumar, "Using Information about Machine Failures to Control Flowlines," *ZOR, Mathematical Methods of Operations Research*, **45**, 1998, p. 455-481.

14. S. Seshadri and M. Pinedo, "Bounds for the Delay in Multiclass Open Queueing Networks under Shortfall Based Priority Rules," *Probability in the Information and Engineering Sciences*, **12**, 3, 1998, 329-350.
15. S. Seshadri, A. Khanna, Harche, F., and R. Wyle, "A Method for Strategic Asset-Liability Management at the Federal Home Loan Bank of New York," *Operations Research*, **47**, 3, 345-360 1998.
16. Pinedo, M., and S. Seshadri, "Optimal Allocation of Resources in a Job Shop Environment." *IIE Transactions on Operations Engineering*, **31**, 3, 1999, p.195-206.
17. Ross, S. M., and S. Seshadri, "A Hitting Time Problem in an M/G/1 Queue." *Journal of Applied Probability*, **36**, 3, 1999, p. 934-940.
18. Nurani, R. K, Seshadri, S. Special section on the Eighth Annual Advanced Semiconductor Manufacturing Conference and Workshop (ASMC'97) - Guest editorial, *IEEE Transactions in Semiconductor Manufacturing*, **12**, 1, 1999, p.1-2.
19. Chatterjee, A., D. Gudmundsson, R. Nurani, S. Seshadri, and J. G. Shanthikumar, "Yield Management in Fabless-Foundry Partnerships," *IEEE Transactions in Semiconductor Manufacturing*, **12**, 1, 1999, p.44-52.
20. Moses, M. and S. Seshadri, "Policy Mechanisms for Supply Chain Coordination," *IIE Transactions*, **32**, 3, 2000, p. 245-262.
21. Agrawal, V., and S. Seshadri, "Risk intermediation in supply chains," *IIE TRANSACTIONS*, **32**, 9, 2000 SEP, p. 819-831.
22. Agrawal, V. and S. Seshadri, "Distribution Free Bounds for Fill Rate Optimization of (r, Q) Inventory Policies" *Naval Reseach Logistics*, **47**, 8, 2000 DEC, p. 635-656.
23. Moses. M. and S. Seshadri, "Using Modeling Software to Improve Operations," *International Journal of Operations and Quantitative Management*, **6**, 3, 2000, p. 203-227.
24. Agrawal, V. and S. Seshadri, "Effect of Risk Aversion on Pricing and Order Quantity Decisions," *Manufacturing and Service Operations Management Journal*, **2**, 4, 2000, 410-423.
25. S. Seshadri and Shapira, Z., "Managerial allocation of time and effort: Setting priorities under conflicting demands," *Management Science*, **47**, 5, May 2001, 647-662.
26. Gelenbe, E., Srinivasan, V., Seshadri, S, and Gautam, N., "Optimal Policies for ATM Cell Scheduling and Rejection," *Telecommunication Systems*, **18**, 4, December 2001.

27. Giloni, A. and S. Seshadri, "Optimal Configurations of General Jobshops," *QUESTA*, **39**, (2-3), April 2001, p. 137-155.
28. Ross, S. M., and S. Seshadri, "Hitting time in an Erlang loss system," *Probability in the Engineering and Information Sciences*, **16**, 2, 2002, p. 167-184.
29. Giloni, A., Kamesam, P. V. and S. Seshadri, "Service System Design for the Property and Casualty Insurance Industry," *POMS*, **12**, 1, Spring 2003, p. 62 - 78.
30. Natarajan Gautam and Sridhar Seshadri, "Approximations for system performance under self-similar traffic," *Electronics Commerce Research Journal*, **2**, 2002, 233-253.
31. Vipul Agrawal, Giuseppe Lopomo, and Sridhar Seshadri, "Web Based Capacity Allocation Mechanisms for Customers with Time Preferences," *Electronic Commerce Research journal*, **2**, 2002, 359-384.
32. Swaminathan, J. and S. Seshadri, "A New Index of Customer Service." *Naval Research Logistics*. July 2002.
33. "Joint Determination of Allocation & the Timing of Deliveries in a Supply Chain," co-authored with Vipul Agrawal and Xiuli Chao to appear in the *European Journal of Operational Research*. Accepted March 8 2003.
34. Seshadri, S. and C. Hakzos, "Monotone forecasts." *Operations Research*. Accepted May 2003.
35. "The Flow of Ideas and Timing of Evaluation as Determinants of Knowledge Creation." By Sridhar Seshadri and Zur Shapira. *Industrial and Corporate Change*, **12**, 5, 1197-1222, 2003.
36. Vishal Gaur, Sridhar Seshadri, "Hedging Inventory Risk Through Market Instruments," accepted to *M&SOM*.
37. Otoo EJ, Rotem D, Seshadri S, "Efficient algorithms for multi-file caching," *Database and Expert Systems Applications, Proceedings Lecture Notes in Computer Science*, 3180: 707-719 2004.

ARTICLES SUBMITTED FOR PUBLICATION

"Supply Intelligence," co-authored with Eitan Zemel, submitted to *M&SOM*, June 2003.

A Note on the Value of Information Sharing in a Supply Chain Under Autocorrelated Demand. co-authored with Vishal Gaur and Avi Giloni. submitted to *Management Science*, June 2003. Accepted subject to minor revision.

“Market incompleteness and super-value additivity: Implications for securitization,” co-authored with V. Gaur and M. Subrahmaniam, December 2003.

“Optimal capacity in a coordinated supply chain,” co-authored with Xiuli Chao and Michael Pinedo to *Naval Research Logistics*.

BOOKS

Melnick, E., M. Pinedo, P. Nayyar, and S. Seshadri (eds.), “Creating Value in Financial Services,” Strategies, Operations and Technologies, *Kluwer Academic Press*, 1999.

Moses, M., S. Seshadri, and M. Yakirevich, *Gaining Competitive Advantage through Business Process Improvement using the HOM Software System*, January 1999, Irwin-McGraw-Hill.

BOOK CHAPTERS:

Gelenbe, E., S. Seshadri and V. Srinivasan, “Single Node and End-to-End Buffer Control in Real Time,” in *Performance Modelling and Evaluation of ATM Networks*, ed. D. Kouvatsos, Chapman and Hall Publishers, London, 1995. (Refereed)

Seshadri, S. and V. Srinivasan, “Procedures for Estimating and Guaranteeing Delays in High Speed Communication Networks,” 151-176, in: *State of the Art in Performance Modeling and Simulation*, (eds.) K. Bagchi, J. Walrand, and G. Zobrist, Gordon and Breach Science Publishers, Amsterdam, 1998. (Refereed)

Pinedo, M. and S. Seshadri, “Capacity,” chapter in *The Handbook of Technology Management*, Editor-in-Chief: R. C. Dorf, CRC Press, 1998.

D. Rotem, S. Seshadri, and L. M. Bernardo, “Replication and clustering in heterogeneous disk systems,” Workshop on Distributed Data and Structures, Orlando, Florida - USA, March 30, 1998, a part of the 12th International Parallel Processing Symposium, IPPS'98, to appear as a chapter in a book, 1998. (Refereed, Invited Talk.)

Pinedo, M. and S. Seshadri, “Scheduling,” in *McGraw-Hill Encyclopedia of Science of Technology*, forthcoming 2002.

Melnick et al, “Creating Value in Financial Services,” Chapter 1 in Melnick, E., M. Pinedo, P. Nayyar, and S. Seshadri (eds.), “Creating Value in Financial Services,” Strategies, Operations and Technologies, *Kluwer Academic Press*, 1999.

Pinedo, M., S. Seshadri, and J. G. Shanthikumar, “Call Centers in Financial Services: Strategies, Technologies, and Operations,” Chapter 18 in Melnick, E., M. Pinedo, P. Nayyar, and S. Seshadri (eds.), “Creating Value in Financial Services,” Strategies, Operations and Technologies, *Kluwer Academic Press*, 1999.

Pinedo. M. and S. Seshadri, "Scheduling and Dispatching," in Handbook in Industrial Engineering, G. Salvendy, editor, John Wiley, NY.

Seshadri, S. and Z. Shapira, "The role of adaptation and targets in organizational learning," To be published in a volume in memory of Richard Cyert: Mie Augier and James G. March, eds., Economics of Change, Choice, and Structure: Essays in the Memory of Richard M. Cyert. Cheltenham, UK: Edward Elgar Publishing, Ltd.

Sridhar Seshadri, Z. Shapira and Christopher Tucci, "Venture Capital Investing and the Calcutta Auction," in *New Venture Investment: Choices and Consequences*. A. Ginsberg and I. Hasan (editors) © 2003 Elsevier B.V.

CONFERENCE PROCEEDINGS

Srinivasan, V., E. Gelenbe and S. Seshadri, "Performance of Optimal Loss Control Policies for ATM Networks," Invited paper for the *Princeton Conference on Information Systems and Sciences, Mar 16-17, 1994. In Proc. CISS 1994, p. 12-17.*

Chen, L. T., D. Rotem and S. Seshadri, "Declustering Databases on Heterogeneous Disk Systems," Refereed Proceedings¹, *21st VLDB Conference, Zurich, Switzerland, 1995, p. 110-121.*

Seshadri, S. and V. Srinivasan, "A Robust Heuristic for Minimizing Cell Loss in ATM Networks," MASCOTS '95, p. 48-52. (Invited paper honoring Dr. Edward Coffman on the occasion of his 60th birthday.)

Chatterji, A., A. Segev, and S. Seshadri, "A Partitioning Strategy for Approximate Joins," in *Proc. of the Third Annual Conf. on Information Technologies and Systems (WITS)*, Orlando, FL, Dec. 1993, p. 11-20. (Refereed)

Gelenbe, E., S. Seshadri and V. Srinivasan, "Parallel Simulation of End-to-End Buffer Control Policies for Real-Time Packet Video," in *Proc. of the Second Workshop on Performance Modelling and Evaluation of ATM Networks*, Bradford, UK, July 1994. (Refereed)

Seshadri, S. and V. Srinivasan, "Adaptive Control of Cell Loss in ATM Networks," in *Proc. of the Third Workshop on Performance Modelling and Evaluation of ATM Networks*, Ilkley, West Yorkshire, UK, July 1995. (Refereed)

A. Chatterjee, R. Nurani, S. Seshadri, and J. G. Shanthikumar, "Role of Yield Management in Fabless-Foundry Partnerships." Advanced Semiconductor Manufacturing Conference & Workshop" Sep. 10-12, 1997 at Hyatt Regency Cambridge, MA Sponsored by IEEE and SEMI.

¹ The annual VLDB conference is one of the oldest database conferences. Out of the 297 papers submitted in 1995, only 52 were selected for inclusion in the conference.

S. Seshadri, J. G. Shanthikumar, R. Nurani, and A. Chatterjee, "Fabless-Foundry Partnerships: Research on Coordination Issues," Sixth International Symposium on Semiconductor Manufacturing to be held in San Francisco during October 6-8, 1997.

Pinedo, M. and Seshadri, S., "Monotonicity of Loss Probabilities in Acyclic Queueing Networks," *Proceedings of the 6th International Conference on Telecommunication Systems*, March, 1998, 208-215. (Refereed)

D. Rotem, S. Seshadri, "Replication and clustering in heterogeneous disk systems," Workshop on Distributed Data and Structures, Orlando, Florida - USA, March 30, 1998. (Refereed, Invited Talk.)

Agrawal, V., G. Lopomo, and S. Seshadri, "Allocation of capacity over the Internet: Reservation and Allocation Strategies for Customers with Time Preferences," *Proceedings in 2nd Int'l. Conference on Telecommunications and Electronic Commerce* October 6 - 8, 1999, Nashville, TN

S. Seshadri and Z. Shapira, "Determinants of Knowledge Creation: The Flow of Ideas and Timing of Evaluation," in *Emerging Role of IT in the Global Environment*, ed. O. K. Gupta, Tata McGraw Hill Pub. Co., N. Delhi, 2000, pp. 247-256. (This paper was awarded a citation and cash prize under the technical papers category in the Second International Conference on Business and Management, Nirma Institute of Management, Ahmedabad, 2000.)

A. Giloni and S. Seshadri, "Design of Job Shop Configurations," *Proceedings of the MSOM Conference, June 26-27, 2000, University of Michigan, Ann Arbor, MI 48109-1234*, p. ... (refereed).

Gautam, N. and Seshadri, S., "Approximations for system performance under self-similar traffic," *Proc. 3rd International Conference on telecommunications and Electronic Commerce*, Dallas, Texas, Nov. 16-19, 2000, p. 239-249.

Chao, X, Seshadri, S. and Pinedo, M., Optimal capacity in a coordinated supply chain, NSF DMI grantee conference, 2003. (2003 National Science Foundation Design, Service and Manufacture and Industrial Innovation Grantees and Research Conference, Birmingham, AL, Jan 6-9 2003)

Chao, X, Seshadri, S. and Pinedo, M., Resource and Demand Allocation in Dynamic Environments, (2004 National Science Foundation Design, Service and Manufacture and Industrial Innovation Grantees and Research Conference, Dallas, TX, Jan 2004)

Ekow J. Otoo, Doron Rotem, Sridhar Seshadri, "Efficient Algorithms for Multi-File Caching," 30 August - 3 September 2004, Zaragoza, Spain, DEXA 2004 - 15th International Conference and Workshop on Database and Expert Systems Applications.

'Market Incompleteness and Super Value Additivity: Implications for Securitization' 2004 Annual Meeting of the European Finance Association from 18th to 21st August in Maastricht, The Netherlands.

TECHNICAL REPORTS

C. R. Glassey, S. Seshadri, and J. G. Shanthikumar, "Production Control of Flowlines: Characterization of Optimal Policies," Report # 93-16, *Engg. Systems Research Center*, University of California, Berkeley, 1993.

Srinivasan, A., S. Seshadri, and J. G. Shanthikumar, "Stochastic Cycle Time Optimization of Sequential Systems," *Dept. of Electrical Engg., UC Berkeley, UCB/ERL M90/91*, Oct. 1990.

Gelenbe, Erol, V. Srinivasan and Sridhar Seshadri, "Optimal Policies for ATM Cell Scheduling and Rejection," Duke University, Dept. of Computer Science Technical Report, CS-1994-24

Segev, A., Sridhar Seshadri, and D. Rotem, "Performance Evaluation of Mass Storage Systems for Scientific Databases," Lawrence Berkeley Laboratories, 1993.

WORKING PAPERS & WORK IN PROGRESS

Gaur, V., S. Seshadri, and M. Subrahmanyam, "Risk management in global supply chains."

"Monotonicity and Power of Statistical Tests to Decipher the Order of Markov Chains," with Avi Giloni and Vishal Gaur.

"A longitudinal perceptible on work motivation: Hierarchy and Interaction" by Seshadri and Shapira.

Shapira, Z. and S. Seshadri, "The Role of Communication and Hierarchy in the Generation of Projects."

"Reverse information sharing in supply chains," with Ananth Iyer, Purdue.

"Outsourcing front-end business processes."

EMPLOYMENT HISTORY

1997- Associate Professor, Department of Statistics and Operations Research, Stern School of Business, New York University, New York.

1993- 97 Assistant Professor, Department of Statistics and Operations Research, Stern School of Business, New York University, New York.

1985 - 89 Member of Faculty, Operations Management Area, Administrative Staff College of India, Hyderabad, India

- 1984 - 85 Executive Director, Sri Venkateswara Fabricators, Hyderabad, India.
- 1982 - 84 Engineer, Jaiprakash Associates Ltd. , New Delhi, India.
- 1980 - 82 Assistant Production Manager, Jyoti Ltd., Baroda, India.

WORK EXPERIENCE

Administrative Staff College of India (1985-89) : Major projects completed while at the college: Served on the Expert Committee set-up by the Department of Civil Aviation, Government of India, to study the feasibility of merging India’s domestic and International Airlines,1986-87. Helped develop and implement a system to measure and monitor the quality of telephone service in India, 1987-89 on behalf of the Department of Telecommunications, Government of India. Served on the eighth five-year plan sub-committee for rural electrification in India. Developed and helped maintain a database on the 200 largest manufacturing organizations in India, 1986-89. Published a monograph on: The Improvements in the Public and Private Manufacturing Sectors in India.

Sri Venkateswara Fabricators (1984-85) : Executed piping jobs on a subcontract basis at the Narora Atomic Power Project, Narora, U.P., India.

Jaiprakash Associates (1982-84) : Completed the erection and commissioning of 36 pumping stations in Baghdad, Iraq. The work involved engineering, supply management as well as day-to-day coordination. The total value of work involved was \$14.5 million.

Jyoti Ltd. (1980-82) : I was Assistant Production Manager of the Turbine and T.P. Bearings shop in the Heavy Machines Division of the Company. During 1981, I was given the additional assignment of introducing solid state relays in the relay production unit.

MEMBERSHIP IN SCIENTIFIC ASSOCIATIONS

- } Fellow of The Institution of Engineers, India
- } INFORMS
- } American Production and Inventory Control Society

TALKS GIVEN/SESSIONS ORGANIZED AT PROFESSIONAL MEETINGS

“Stochastic Cycle Time Optimization of Sequential Systems,” Special Interest Conference on Applied Probability in the Engineering, Informational, and National Sciences, Monterey, Jan., 1991.

“A Robust Heuristic for Minimizing Cell Loss in ATM Networks.” MASCOTS ‘95 (Invited paper honoring Dr. Edward Coffman on the occasion of his 60th birthday.)

“Role of Intermediaries under Risk Aversion.” INFORMS Washington, May 1996.

“Policy Parameters for Supply Chain Coordination.” Multi-echelon Conference, Dartmouth College, June 1996.

“A Method for Estimating End-to-End Delays in ATM Networks,” Invited talk at the INFORMS Technical Session on Telecommunications, INFORMS San Diego, May 4, 1997.

“Monotonicity of Cell Loss in Acyclic Networks,” the 6th International Conference on Telecommunication Systems, March, 1998.

Co-Chair of MSOM sponsored session on “Capacity Reservation and Pricing.” INFORMS Montreal, April 27, 1998.

“Design of pricing contracts in supply chains under risk aversion.” (MSOM sponsored session) INFORMS Montreal, April 28, 1998.

Chair of MSOM sponsored session on “Operations in Financial Service Firms,” INFORMS Cincinnati, May 1999.

“On Using HOM: The Windows Based Software for Teaching Operations Management,” at INFORMS Montreal, the Indian Institute of Management, Bangalore, and International Teacher’s Program, Ashridge, UK.

“Role of Intermediaries in Supply Chains under Risk Aversion,” University of Washington Business School, October 2, 1998.

“Design of Pricing Contracts in Supply Chains Under Risk Aversion,” INFORMS Seattle, October 27, 1998.

“Managerial Allocation of Time and Effort.” ICOQM, Ahmedabad, Jan 6, 1998.

“Decision Support Systems for Project Management.” Administrative Staff College of India, Aug 8, 1999.

“Allocation of Capacity over the Internet.” INFORMS Computing Society sponsored session, INFORMS Philadelphia, Nov 7, 1999.

“Control of Queues & the Management of Call Centers.” INFORMS Applied Probability Society sponsored session, INFORMS Philadelphia, Nov 7, 1999.

“Role of Intermediaries under Risk Aversion,” Haas School of Business, U. C. Berkeley, November 1999.

“Determinants of Knowledge Creation: The Flow of Ideas and Timing of Evaluation.” International Conference on Business and Management, Ahmedabad, Jan 3-6, 2000.

“e-ERP and DTC,” with Atul Agrawal and Michael Pinedo in “Direct to Customer: New Distribution Model,” Symposium, NYU, Mar. 10-11, 2000

Session Chair: “Pricing & Contracts Design,” INFORMS, Salt Lake City, MSOM Sponsored Session, Sunday May 7, 2000.

“Self-Service or Full-Service?” same session.

Program committee of the 3rd, 4th and 5th International Conference on Electronic Commerce.

Chaired Cluster: Supply Chain & E-Market Optimization. Session: Collaborative Decision Making in E-Marketplaces, INFORMS session Sun Nov 4, 2001.

Internet Business and Strategy Session Chair. The 4th International Conference on Electronic Commerce Research , Cox School of Business, Dallas, Nov 9, 2001.

“Integrated Internet Market-Making: e-Tailing versus Going it Alone.” Same session.

“Strategies for Hedging Inventory Risk,” Case Western Reserve University, Oct 25 2001.

“Hedging Inventory Risk” U T Dallas, Nov 9, 2001.

“Inventory Risk” University of Michigan, January 23, 2002.

“The Mail Order Drug Industry,” POMS San Francisco Conference, April 7, 2002. Also chaired sessions on Health Care Management and Technology in Health Care Management.

“Supply Intelligence.” Purdue University, Oct 10 2003.

“Supply Intelligence.” INFORMS Atlanta, Oct 19 2003,

“Valuation in Incomplete Markets,” Mini-conference on Integrated Risk Management in Operations and Global Supply Chain Management, Olin School of Business, Univ of Washington at St Louis, June 11-12, 2004.

“Market incompleteness, supervalue additivity and implications for securitization,” Conference on Financial Innovation, Nov 11-12, 2004, New York.

TEACHING

Administrative Staff College of India (1985-89):

Designed and conducted executive development programs in Production Planning and Control, Project Management, Productivity Management and Materials Management.

Stern School of Business: (Instructor ratings are on a scale 0 to 7)

- } Operations Research for Industry and Government (rated 5.8).
- } The core Operations Management course for graduate (MBA) students (rated 4.6 and 5.0, 4.8, 5.3, 5.7, 6.0, 4.9, 5.9, 6.2).
- } The core Operations Management course for undergraduate students (rated 6.5, 6.7, 6.8, 6.3, 6.3, 6.1, 6.0, 6.3, 6.6 and 6.0).
- } Designed and taught a new course, “Design of Operations”, that focuses on Production Planning & Control and Discrete Event Simulation Modeling (rated 6.5, 5.8, 6.3, 5.9, 6.2, 5.9).
- } Taught a Ph.D. level course, Introduction to Optimization (rated 6.0)
- } Stochastic Processes II: Models for Manufacturing. No teaching credit.
- } B60.4301.01: Introduction to Stochastic Modelling. No teaching credit.
- } B60.4302.20: Planning and Inventory Models. No teaching credit.
- } “Introduction to Stochastic Models for Finance (rated 6.6 and 6.4).”
- } “Supply Chain Management (rated 6.3, 6.0, 6.1).”