

BARIŞ TAN

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Academic Positions

VICE PRESIDENT FOR ACADEMIC AFFAIRS KOÇ UNIVERSITY	Sept. 2013 - present
PROFESSOR OF OPERATIONS MANAGEMENT College of Administrative Sciences and Economics, Koç University	Dec. 2002 -present
PROFESSOR OF INDUSTRIAL ENGINEERING College of Engineering (Joint Appointment), Koç University	Aug. 2014-present
DEAN College of Administrative Sciences and Economics, Koç University	Sep. 2007 - Sept. 2013
DIRECTOR Graduate School of Business, Koç University	Sep. 2008 - Feb. 2010 Jan. 2003 - Dec. 2005
ASSOCIATE PROFESSOR College of Administrative Sciences and Economics, Koç University	Oct. 1998 -Dec. 2002
ASSISTANT PROFESSOR College of Administrative Sciences and Economics, Koç University	July 1994 - Oct. 1998
LECTURER Industrial and Systems Engineering, University of Florida	Jan. 1994 - May 1994
RESEARCH ASSISTANT Industrial Research Laboratory, University of Florida	May 1991- May 1994
RESEARCH ASSISTANT Nanoptics Inc.	Oct. 1990- Sept. 1992
UNIVERSITY OF FLORIDA Ph.D. in Industrial and Systems Engineering Minor in Business Administration	May 1994
UNIVERSITY OF FLORIDA M.S.E. Graduate Certificate in Manufacturing Systems	May 1993
UNIVERSITY OF FLORIDA M.E. in Industrial and Systems Engineering	Dec. 1991
BOĞAZIÇI UNIVERSITY B.S. in Electrical and Electronics Engineering	July 1990

Degrees

Visiting Positions	VISITING PROFESSOR UNIVERSITY COLLEGE LONDON UCL School of Management	Sep. 2017 - Sep. 2018
	FELLOW UNIVERSITY OF CAMBRIDGE Judge Business School	Sep. 2013 - Sep. 2014
	VISITING SCHOLAR MASSACHUSETTS INSTITUTE OF TECHNOLOGY Laboratory for Manufacturing and Productivity	Aug. 2006 - July 2007
	VISITING SCHOLAR MASSACHUSETTS INSTITUTE OF TECHNOLOGY Operations Research Center	Jan. 2001 - June 2001
	VISITING SCHOLAR IN OPERATIONS RESEARCH HARVARD UNIVERSITY Harvard Center for Textile and Apparel Research	Aug. 2000 - Aug. 2001
	VISITING RESEARCH SCIENTIST MASSACHUSETTS INSTITUTE OF TECHNOLOGY Laboratory for Manufacturing and Productivity	July. 1999 - Sept. 1999
	Professional Affiliations	INTER-UNIVERSITY COUNCIL, Turkey Representative of Koç University
EM LYON, France Member of the International Advisory Board		2014-present
EFMD: EUROPEAN FOUNDATION FOR MANAGEMENT DEVELOPMENT Member of the EQUIS Awarding Body		2013-present
ISM UNIVERSITY OF MANAGEMENT AND ECONOMICS, Lithuania Chairman of the Senate		2016-present
Member of the Senate		2013-present
ORACLE, USA Member of the Education and Research Industry Strategy Council		2013-present
THOMSON REUTERS, USA Member of the Research Analytics Advisory Board		2013-present
MINDSPECS, India Member of the Advisory Board		2013-present
NOTTINGHAM BUSINESS SCHOOL, United Kingdom Member of the International Advisory Board		2011-present
BUSINESS COUNCIL FOR SUSTAINABLE DEVELOPMENT TURKEY Member of the Academic Advisory Board		2005-present
SLOAN FOUNDATION INDUSTRY STUDIES PROGRAM Affiliate Member		2007-present
LEAN INSTITUTE TURKEY Member		2002-present
INFORMS Member		1993-present
EFMD GLOBAL NETWORK Member of the Board		2013-2014
CEMS: THE GLOBAL ALLIANCE IN MANAGEMENT EDUCATION Member of the Strategic Board		2009-2013
EFMD: EUROPEAN FOUNDATION FOR MANAGEMENT DEVELOPMENT Member of the Board		2009-2013

	TURKISH CUSTOMER SATISFACTION INDEX Member of the Board of Overseers	2005-2010
	TURKISH OPERATIONS RESEARCH SOCIETY (YAD) Member of the Board	2001-2009
	TURKISH SOCIETY FOR QUALITY (KALDER) Member of the Board	2003-2008
	TURKISH COMPUTER SIMULATION RESEARCH FOUNDATION Member of the Board of Trustees	1997-2003
	NEW YORK ACADEMY OF SCIENCES Member	1994-1996
Honors Awards Fellowships	ROCKEFELLER FOUNDATION RESIDENCY AWARD Fellow to Bellagio Center	2017
	IIE TRANSACTIONS BEST PAPER AWARD Honorable Mention, Focused Issue on Design and Manufacturing	2016
	IIE TRANSACTIONS BEST PAPER AWARD Best Paper of the Year, Focused Issue on Design and Manufacturing	2015
	INFORMS CASE AWARD Finalist	2014
	TÜBİTAK RESEARCH FELLOWSHIP	2006-2007
	TURKISH ACADEMY OF SCIENCES Distinguished Young Scholar Award (TÜBA GEBİP)	2005
	NATO SCIENCE FELLOWSHIP	2000
	KOÇ-HARVARD VISITING SCHOLAR	1999, 2000-2001
	EUROPEAN SIMULATION MULTICONFERENCE BEST PAPER AWARD	1997
	NATIONAL COLLEGIATE ENGINEERING AWARD	1994
	TÜBİTAK FELLOWSHIP	1985-1990

SCHOLARLY WORK

Research Areas	Design and Control of Manufacturing Systems Stochastic Modeling Analytical and Numerical Modeling Techniques Inter-firm Cooperation in Supply Chains Business Models for Financing Energy Investments
Books	HANDBOOK OF STOCHASTIC MODELS AND ANALYSIS OF MANUFACTURING SYSTEM OPERATIONS, J.M. Smith and B. Tan (editors), International Series in Operations Research & Management Science, Vol. 192, Springer, New York. 2013. STOCHASTIC MODELING OF MANUFACTURING SYSTEMS: ADVANCES IN DESIGN, PERFORMANCE EVALUATION, AND CONTROL ISSUES, G. Liberopoulos, C.T. Papadopoulos, B. Tan, J.M. Smith, S.B. Gershwin (editors), Springer, Berlin Heidelberg. 2006.
Working Papers	1. Hosseini, B.* and Tan, B. , “Modelling and Analysis of a Collaborative Network for Production” 2. Karabağ, O.* and Tan, B. , “Purchasing, Production, and Sales Strategies for a Production System with Limited Capacity and Fluctuating Sales and Purchasing Prices”

*Graduate students

3. Karabağ, O.* and **Tan, B.**, “Impacts of Product Category and Auction Formats on Buyer Surplus in E-Auction”
4. Dizbin, N.M.* and **Tan, B.**, “Modelling and Analysis of the Impact of Correlated Service and Arrival Times in Manufacturing Systems”
5. Khayyati, S.* and **Tan, B.**, “Joint Optimization-Simulation as a Data-Driven Control Method for a Production/Inventory System with a State-dependent Base-stock Policy”
6. Schwarz, J.A. and **Tan, B.**, “Analysis of Product Rollover Strategies under Consideration of Finite Production Capacities”
7. **Tan, B.**, “Production Control with Price and Cost Uncertainty”
8. **Tan, B.**, “Design of Energy Savings Performance Contracts”

Journal Articles

1. Karabağ, O.* and **Tan, B.**, “Modelling and Analysis of a Group Purchasing Organization under Demand and Price Uncertainty,” *Flexible Services and Manufacturing Journal*, forthcoming.
2. **Tan, B.** and Lagershausen, S., “On the Output Dynamics of Production Systems Subject to Blocking,” *IIE Transactions*, Vol. 49:3, pp. 268-284, 2017.
3. Hosseini, B.* and **Tan, B.**, “Simulation and Optimization of Continuous Flow Production Systems with a Finite Buffer by Using Mathematical Programming,” *IIE Transactions*, Vol. 49:3, pp. 255-267, 2017.
4. **Tan, B.**, Yavuz, Y.*, Otay, E. N., and Çamlıbel, E., “Optimal Selection of Energy Efficiency Measures for Energy Sustainability of Existing Building,” *Computers and Operations Research: Special Issue on Operations Research in Energy Modelling and Management*, Vol. 66, pp. 258-271, 2016.
5. **Tan, B.** and Yavuz, Y.*, “Modelling and Analysis of a Business Model to Offer Energy Saving Technologies as a Service,” *International Journal of Production Research: Special Issue on Energy-Aware Manufacturing Operations*, Vol. 53:23, pp.7118-7135, 2015.
6. Lagershausen, S. and **Tan, B.**, “On the Exact Inter-departure and Inter-start Distribution of Closed Queueing Networks Subject to Blocking,” *IIE Transactions*, Vol. 47:7, pp.673-692, 2015.
7. **Tan, B.**, “Mathematical Programming Representations of Dynamics of Continuous Flow Production Systems,” *IIE Transactions*, Vol. 47:2, pp. 173-189, 2015. (Received Honorable Mention designation in the *IIE Transactions* Focused Issue on Design and Manufacturing Best Paper Award Competition for 2016)
8. **Tan, B.** and Akçay, Y., “Assortment-based Cooperation of Two Firms with Limited Capacity,” *IIE Transactions*, Vol. 46:3, pp. 1-17, 2014. (Selected as the Best Paper of the Year in *IIE Transactions* Focused Issue on Design and Manufacturing Best Paper Award Competition for 2015)
9. **Tan, B.** and Karabatı, S., “Retail Inventory Management with Stock-Out Based Dynamic Demand Substitution,” *International Journal of Production Economics*, Vol. 145, pp. 78-87, 2013.
10. Altuğ, S., **Tan, B.**, and G. Gencer*, “Cyclical Dynamics of Industrial Production and Employment: Markov Chain-based Estimates and Tests,” *Journal of Economic Dynamics and Control*, Vol. 36, No. 10, pp. 1534-1550, 2012.
11. **Tan, B.** and Çömden, E.N.*, “Agricultural Planning for Annual Plants under Harvest, Yield, and Demand Risk,” *European Journal of Operational Research*, Vol. 220, pp. 539-549, 2012.
12. **Tan, B.** and Gershwin, S.B., “Modeling and Analysis of Markovian Continuous Flow Production Systems with a Finite Buffer,” *Annals of Operations Research, Special Issue on Advances in the Analysis of Manufacturing Systems*, Vol. 182, pp. 5-30, 2011.

13. **Tan, B.** and Gershwin, S.B., "Analysis of General Markovian Continuous Flow Production Systems with a Finite Buffer," *International Journal of Production Economics*, Vol. 120, No. 2, pp.327-339, 2009.
14. Gershwin, S.B., **Tan, B.** and Veatch, M. "Production Control with Backlog-Dependent Demand," *IIE Transactions*, Vol. 41, No. 6, pp. 511-523, 2009.
15. Özler, A.* , **Tan, B.**, and Karaesmen, F., "Multi-product Newsvendor Problem with Value-at-Risk Constraints," *International Journal of Production Economics*, Vol. 117, No. 2, pp. 244-255, 2009.
16. Öztürk, Ö.C.* , **Tan, B.** and Karabatı, S., "A Method for Estimating Stock-Out Based Substitution Rates by Using Point-of-Sale Data," *IIE Transactions*, Vol. 41, No. 2, pp. 408-420, 2009.
17. Akçay, Y. and **Tan, B.**, "On the Benefits of Assortment-Based Cooperation among Independent Producers," *Production and Operations Management*, Vol. 17, No. 6, pp. 626-640, 2008.
18. Ağralı, S.* , **Tan, B.** and Karaesmen, F., "Modeling and Analysis of an Auction-Based Logistics Market", *European Journal of Operational Research*, Vol 191, No.1, pp. 270-292, 2008.
19. **Tan, B.**, "Modeling and Analysis of a Network Organization for Cooperation of Producers on Production Capacity," *Mathematical Problems in Engineering*, Volume 2006, Article ID 85103, pp. 1-24, 2006.
20. Yıldırım, I.* , **Tan, B.** and Karaesmen, F., "A Multiperiod Stochastic Production Planning and Sourcing Problem with Service Level Constraints," *OR Spectrum*, Vol. 2, No. 2-3, pp. 471-489, 2005.
21. **Tan, B.** "Subcontracting with Availability Guarantees: Production Control and Capacity Decisions," *IIE Transactions*, Vol. 36, No. 8, pp. 711-724, 2004.
22. **Tan, B.** and S. Karabatı, "Can the Desired Service Level be Achieved When the Demand and Lost Sales are Unobserved?," *IIE Transactions*, Vol. 36, No. 4, pp. 345-358, 2004.
23. **Tan, B.** and S.B. Gershwin, "Production and Subcontracting Strategies for Manufacturers with Limited Capacity and Volatile Demand," *Annals of Operations Research: Special Volume on Stochastic Models of Production/Inventory Systems*, Vol. 125, pp. 205-232, 2004.
24. **Tan, B.**, "Production Control of a Pull System with Production and Demand Uncertainty," *IEEE Transactions on Automatic Control*, Vol. 47, No. 5, pp. 779-783, 2002.
25. **Tan, B.**, "Managing Manufacturing Risks by Using Capacity Options," *Journal of the Operational Research Society*, Vol. 53, No. 2, pp. 232-242, 2002.
26. **Tan, B.** and Yılmaz, K., "Markov Chain Test for Time Dependence and Homogeneity: An Analytical and Empirical Evaluation," *European Journal of Operational Research*, Vol. 137, No. 3, pp. 524-543, 2002.
27. **Tan, B.**, "A Three Station Continuous Materials Flow Merge System with Unreliable Stations and a Shared Buffer," *Mathematical and Computer Modelling*, Vol. 33, Issue: 8-9, pp.1011-1026, 2001.
28. **Tan, B.** and Karabatı, S. "Modelling and Scheduling of an Asynchronous Cyclic Production Line with Multiple Parts," *Journal of the Operational Research Society*, Vol. 51, No. 11, pp. 1296-1308, 2000.
29. **Tan, B.** "Asymptotic Variance Rate of the Output in Production Lines with Finite Buffers," *Annals of Operational Research, Special Issue on Performance Evaluation and Optimization of Production Lines*, Vol. 93, pp. 385-403, 2000.
30. **Tan, B.** and Otay, E., "Modeling and Analysis of Vessel Casualties Resulting from Tanker Traffic through Narrow Waterways," *Naval Research Logistics*, Vol. 46, No. 8, pp. 871-892, 1999.

31. **Tan, B.**, “Variance of the Output as a Function of Time: Production Line Dynamics,” *European Journal of Operational Research*, Vol. 117, No. 3, pp. 470-484, 1999.
32. **Tan, B.**, “Asymptotic Variance Rate of the Output of a Transfer Line with No Buffer Storage and Cycle-Dependent Failures,” *Mathematical and Computer Modelling*, Vol. 29, No. 7, pp. 97-112, 1999.
33. **Tan, B.** “Agile Manufacturing and Management of Variability,” *International Transactions in Operational Research*, Vol. 5, No. 5, pp. 375-388, 1998.
34. Karabatı, S. and **Tan, B.**, “Stochastic Cyclic Scheduling Problem in Synchronous Assembly and Production Lines,” *Journal of the Operational Research Society*, Vol. 49, No. 11, pp. 1173-1187, 1998.
35. **Tan, B.**, “An Analytic Formula for Variance of Output from a Series-Parallel Production System with No Interstation Buffers and Time-Dependent Failures,” *Mathematical and Computer Modelling*, Vol. 27, No. 6, pp. 95-112, 1998.
36. **Tan, B.**, “Effects of Variability on the Due-Time Performance of a Continuous Materials Flow Production System in Series,” *International Journal of Production Economics*, vol. 54, pp. 87-100, 1998.
37. **Tan, B.**, “Variance of the Throughput of an N-station Production Line with No Intermediate Buffers and Time Dependent Failures,” *European Journal of Operational Research*, Vol. 101, No. 3, pp. 560-576, 1997.
38. Yeralan, S. and **Tan, B.** “A Station Model for Continuous Materials Flow Production,” *International Journal of Production Research*, Vol. 35, No. 9, pp. 2525-2541, 1997.
39. **Tan, B.** and Yeralan, S., “A Decomposition Model for Continuous Materials Flow Production,” *International Journal of Production Research*, Vol. 35, No. 10, pp. 2759-2772, 1997.
40. Yeralan, S. and **Tan, B.**, “Analysis of Multistation Production Systems with Limited Buffer Capacity, Part I,” *Mathematical and Computer Modelling*, Vol. 25, No. 7, pp. 109-122, 1997.
41. **Tan, B.** and Yeralan, S., “Analysis of Multistation Production Systems with Limited Buffer Capacity, Part II,” *Mathematical and Computer Modelling*, Vol. 25, No. 11, pp. 109-123, 1997.
42. **Tan, B.** “Markov Chains and the RISK Board Game,” *Mathematics Magazine*, Vol. 70, No. 5, pp. 349-357, 1997.
43. **Tan, B.** and Yeralan, S., “A Fuzzy Decomposition Method for Multistation Production Systems Subject to Blocking,” *International Journal of Production Economics*, Vol. 42, No. 3, pp. 245-262, 1995.
44. **Tan, B.**, Yeralan, S., Babu. S, and Osborn, B., “Product Quality/Tool Reliability Modeling of Complex Manufacturing Tools,” *Endüstri Mühendisliği/Industrial Engineering Journal of Turkish Chamber of Engineers*, Vol. 5, No. 3, pp. 3-11, 1995.
45. **Tan, B.** and Yeralan, B., “A Unified-Boundary Interior Model for Continuous Materials Flow Production Lines with Station Breakdown,” *Yöneylem Araştırması/Dergisi/Transactions on Operational Research*, Vol. 6, No. 2, pp. 95-120, 1994.
46. **Tan, B.**, Yeralan, S., Babu. S, and Osborn, B., “Computer-Aided Reliability Modeling and Applications in Semiconductor Manufacturing,” *Computers and Industrial Engineering*, Vol. 23, No. 1-4, pp. 169-172, 1992.

Book Chapters

1. **Tan, B.**, Yavuz, Y.*, Otay, E.N., Çamlıbel, E., “Developing a Business Model to Improve Energy Sustainability of Existing Buildings,” In: *Advances in Business, Operations, and Product Analytics*, M. Drake, Pearson/FT Press, 2015 (Reprint of The Case Centre Collection No. 614-074-1).

2. **Tan, B.**, “Modeling and Analysis of Output Variability in Discrete Material Flow Production Systems,” In: Handbook of Stochastic Models and Analysis of Manufacturing System Operations, International Series in Operations Research & Management Science Volume 192, 2013, J.M. Smith and B. Tan (editors), pp 287-311, Springer, New York, 2013.
3. **Tan, B.**, “Incorporating Harvest, Maturity, Yield, and Demand Risk in Planning for Agricultural Supply Chains for Premium Products,” In: Managing Supply Chains on the Silk Road: Strategy, Performance, and Risk, C. Haksöz, S. Seshadari, A.V. Iyer (editors), pp. 239-252, CRC Press, 2011.
4. Yıldırım, I.*, **Tan, B.** and Karaesmen, F., “A Multiperiod Stochastic Production Planning and Sourcing Problem with Service Level Constraints, ” In: Stochastic Modeling of Manufacturing Systems: Advances in Design, Performance Evaluation, and Control Issues, G. Liberopoulos , C.T. Papadopoulos, B. Tan, J.M. Smith, S.B. Gershwin (editors), pp. 345-363, Springer, 2006. (reprint of *OR Spectrum* Vol. 2, No. 2-3, pp. 471-489, 2005)
5. **Tan, B.**, “State-Space Modeling and Analysis of Pull Controlled Production Systems,” In: Analysis and Modeling of Manufacturing Systems, S.B. Gershwin, Y. Dallery, C. Papadopoulos, J.M. Smith (editors), Chapter 15, pp. 363-398, Kluwer International Series in Operations Research and Management Science, 2003.
6. **Tan, B.**, “Fuzzy Logic Control for Design and Control of Manufacturing Systems,” In: Computational Intelligence: Soft Computing and Fuzzy-Neuro Integration with Applications, O. Kaynak, L.A. Zadeh, B. Türksen, I. Rudas (editors), (NATO ASI Series-Series F. Computer and Systems Sciences; vol. 162), pp. 496-513, Springer-Verlag, 1998.
7. Yeralan, S. and **Tan, B.**, “Fuzzy Logic Control as an Industrial Control Language for Embedded Controllers,” In: Design and Implementation of Intelligent Manufacturing Systems: From Expert Systems, Neural Networks, to Fuzzy Logic, Hamid R. Parsaei and M. Jamshidi (editors), pp. 107-140, Prentice Hall Inc., 1995.

**Other
Journal
Publications
and Book
Chapters**

1. **Tan, B.**, Gershwin, S. B., Liberopoulos, G., Meerkov, S.M., and Papadopoulos, C.T., “Advances in Stochastic Models of Manufacturing and Service Operations,” *Annals of Operations Research*, Vol. 231, pp. 1-3, 2015.
2. **Tan, B.**, Legitimacy and Future of Business Schools in Turkey, In: Business Schools and their Contribution to Society, M. Morsing and A. Sauquet Rovira (Editors), pp. 49-56, SAGE, 2011.
3. Van Woensel, T., Buzacott, J., Gershwin, S.B., Liberopoulos, G., Smith, J.M., Meerkov, S., **Tan, B.**, “Introduction to Special Issue on Advances in Manufacturing Systems,” *Annals of Operations Research*, Vol. 182 , No. 1 , pp. 1-3, 2011.
4. **Tan, B.**, “Modelleme ve Model Türleri” (Modeling and Model Types), Türkiye Bilişim Vakfı Bilişim Ansiklopedisi, (Turkish) Informatics Foundation- Encyclopedia of Informatics), T. Ören, T. Üney, R. Çölkesen (editors), Türkiye Bilişim Vakfı, pp. 590-595, 2006.
5. **Tan, B.**, Management Education in Turkey, In: A Global Guide to Management Education 2006, Global Foundation for Management Education, pp. 251-256, 2006.
6. Liberopoulos, G., Papadopoulos, C.T., **Tan, B.**, Gershwin, S.B., Smith, J.M., Editorial-Stochastic Modeling of Manufacturing Systems: Advances in Design, Performance Evaluation, and Control Issues,, pp. V-VIII, Springer, 2006.
7. Liberopoulos, G., Papadopoulos, C.T., **Tan, B.**; Gershwin, S.B., Smith, J.M., “Stochastic Models for the Design, Coordination, and Control of Manufacturing Systems-Preface”, *OR Spectrum*, Vol. 27, No. 2-3, pp. 167-169, 2005.
8. Liberopoulos, G., **Tan, B.**, Gershwin, S.B.; Papadopoulos, C.T.; Smith, J.M., “Special issue: Stochastic Models of Production-Inventory Systems, Part I - Preface”, *Annals of Operations Research*, Vol. 125, Issue. 38078 , pp. 17-19, 2004.

9. Liberopoulos, G., **Tan, B.**, Gershwin, S.B., Papadopoulos, C.T., Smith, J.M., “Special issue: Stochastic Models of Production-Inventory Systems, Part II - Preface”, *Annals of Operations Research*, Vol. 126, Issue. 38078 , pp. 17-19, 2004.

**Refereed
Conference
Proceedings**

1. **Tan, B.**, “Global Sourcing and the Competitiveness of the Turkish Textile and Apparel Industries,” In: Proceedings of International Conference on Business, Economics and Management ICBME 2005 Volume 2: Organizational Culture, Corporate Governance and Competitiveness C. C. Aktan (editor), pp. 179-199, 2005.
2. **Tan, B.**, “Performance Evaluation of Auction-Based Allocation Mechanisms for Cooperation of Manufacturers on Production Capacity,” In: Proceedings of the European Simulation and Modelling Conference, P. Geril (editor), pp.415-419, 2003.
3. **Tan, B.** and Otay, E., “A Stochastic Model for Vessel Casualties Resulting from Oil Tanker Traffic through Narrow Waterways,” In: Proceedings of the 1998 European Simulation Multiconference, R. Zobel and D. Moeller (editors), pp. 881-885, 1988.
4. **Tan, B.** and Karabatı, S., “Effects of Variability on the Performance of a Production Line Under Cyclic Scheduling,” In: Proceedings of the 1997 European Simulation Multiconference, A.R.Kaylan and A.Lehmann (editors), pp. 795-802, 1997 (Best paper award).
5. **Tan, B.** “Variance of Performance of Production Lines,” In: Proceedings of the Third Balkan Operational Research Conference, 1995.
6. **Tan, B.** and Yeralan, S. “A Decomposition Method for General Queueing Networks Subject to Blocking,” In: Proceedings of the Ninth International Symposium on Computer and Information Sciences, S. Kuru, M.U. Çağlayan, E. Gelenbe, H.L. Akin, C.Ersoy (editors), pp. 802-810, 1994.
7. Yeralan, S., **Tan, B.**, and Tüfekçi, S. “Emulated Flexible Manufacturing Laboratory,” In: Proceedings of the European Simulation Symposium ESS 94, A. R. Kaylan, A.l Lehmann, T. I. Ören (editors), Vol. 1, pp. 196-198, 1994.
8. Yeralan, S. and **Tan, B.**, “An Architecture and Language for Fuzzy PLCs,” In: Proceedings of 1994 Annual International Conference on Industry, Engineering and Management Systems, p. 167-171, 1994.
9. **Tan, B.** and Yeralan, S., “Analysis of Multi-Station Production Systems,” In: Proceedings of 1994 Annual International Conference on Industry, Engineering and Management Systems, p. 284-288, 1994.

**Conference
Proceedings**

1. Hosseini, B.* and **Tan, B.**, “Modeling and Analysis of a Collaborative Production Network,” Stochastic Models of Manufacturing and Service Operations Conference, Italy, 2017.
2. Dizbin, N.M.* and **Tan, B.**, “Production and Inventory Control with Correlated Demand,” Stochastic Models of Manufacturing and Service Operations Conference, Italy, 2017.
3. Karabağ, O.* and **Tan, B.**, “Modelling and Analysis of Group Purchasing Organizations and Their Effect on Buyers and Capacity-Constrained Suppliers under Demand and Price Uncertainty,” Stochastic Models of Manufacturing and Service Operations Conference, Greece, 2015.
4. Akçay, Y. and **Tan, B.** “Assortment-based Cooperation of Two Producers with Limited Capacity,” The International Conference on Stochastic Models of Manufacturing and Service Operations, Turkey, 2011.
5. **Tan, B.** and S. B. Gershwin, “Modeling and Analysis of Markovian Single-Buffer Fluid Flow Systems,” The International Conference on Analysis of Manufacturing Systems, The Netherlands, 2007.
6. Ağralı, S.* , **Tan, B.** and Karaesmen, F., “Modeling and Analysis of a Logistics Auction Market,” The International Conference on Design and Analysis of Manufacturing Systems, Greece, 2005.

7. **Tan, B.**, “Capacity Investment and Pricing Decisions for Producers and Their Subcontractors,” The International Conference on Design and Analysis of Manufacturing Systems, Greece, 2003.
 8. **Tan, B.**, “Production and Subcontracting Strategies for Manufacturers with Limited Capacity and Volatile Demand,” In: Proceedings of 2nd International Conference on Responsive Manufacturing, A. Baykasoglu and T. Dereli (editors), pp.629-633, Turkey, 2002.
 9. **Tan, B.**, “Options-Based Sourcing Strategies for Manufacturers with Limited Capacity and Volatile Demand,” The International Conference on Design and Analysis of Manufacturing Systems, pp.217-226, Greece, 2001.
 10. **Tan, B.**, “Exact Analysis of Output Variability in Discrete Material Flow Production Systems,” The International Workshop on Modeling and Analysis of Manufacturing Systems, pp.153-162, Greece, 1999.
 11. Otay, E. and **Tan, B.**, “Stochastic Modeling of Tanker Traffic Through Narrow Waterways,” In: Proceedings of International Conference on Oil Spills in the Mediterranean and Black Sea Regions: Impact, Contingency Planning, Response, Technology for Containment and Recovery, pp. 004-12, 1998.
 12. **Tan, B.**, “An Efficient Method for Variance of the Output from a Production Line with a Limited Buffer,” International Workshop on Performance Evaluation and Optimization of Production Lines, Samos, Greece, pp.135-155, 1997.
 13. **Tan, B.**, “Markov Süreçlerinin Yarı-Simgesel Çözümü ve Üretim Sistemlerinin Kullanılabilirlik ve Güvenirlik Çözümlemesinde Uygulamaları,” (Semi-Symbolic Solution of Markov Processes and Applications in Availability/Reliability Analysis of Production Systems), III. Ulusal Ekonometri ve İstatistik Sempozyumu, Bursa, 1997.
 14. Yeralan, S. and **Tan, B.**, “Need-Driven Research Opportunities for the Industrial Engineering Profession,” In: Proceedings of the UNESCO International Conference on Technology Management: University/Industry/Government Collaboration UNIG '96, pp. 314-319, 1996.
 15. **Tan, B.**, “Üretim Sistemlerinin Rassal Modelleri ve Uygulamaları, (Stochastic Models of Production Systems and Applications)” In: Proceedings of the First Systems Engineering and Defense Applications Symposium, Vol. 1, pp. 283-298, 1995.
 16. **Tan, B.**, “Gizli Hedef Oyununun Rassal Modeli (Stochastic Model of RISK Board Game),” XVIIth National Conference of Operational Research and Industrial Engineering, Middle East Technical University, Ankara, 1995.
 17. **Tan, B.**, “Doğma-Ölme Benzeri Süreçlerin Matris Polinomlarıyla Çözümlemesi (Analysis of Quasi Birth and Death Processes with Matrix Polynomials),” II. Ulusal Ekonometri ve İstatistik Sempozyumu, İzmir, 1995.
 18. Yeralan, S., **Tan, B.**, Norton, G., and Fadiloğlu, M. “The Impact of Intelligent Machine Tools on Production Operations Management and Control,” In: Proceedings of 1995 NSF Design and Manufacturing Grantees Conference, La Jolla California, pp. 301-303, 1995.
 19. **Tan, B.** and Yeralan, S., “Çok Makinalı Üretim Dizgeleri İçin Bir Ayrışım Yöntemi (A Decomposition Method for Multistation Production Lines),” XVIth National Conference of Operational Research and Industrial Engineering, Bilkent University, Ankara, 1994.
 20. Yeralan, S., Norton, G., and **Tan, B.**, “Analytical Methods for Agent-Based Materials Handling Systems,” In: Proceedings of the 1994 Florida Conference on Recent Advances in Robotics, pp. 240-245, 1994.
- Technical Reports**
1. “Cyclical Dynamics of Industrial Production and Employment: Markov Chain-based Estimates and Tests,” TÜSİAD-Koç University Economic Research Forum Working Paper Series- No. 1101, (with S. Altug and G. Gencer*), January 2011.

2. “Modelling and Analysis of Markovian Continuous Flow Production Systems with a Finite Buffer: A General Methodology and Applications” Massachusetts Institute of Technology, Operations Research Center, Working Paper Series, ORC-381-07, (with S.B. Gershwin), March 2007.
3. “On Production and Subcontracting Strategies for Manufacturers with Limited Capacity and Volatile Demand,” Massachusetts Institute of Technology, Operations Research Center, Working Paper Series, ORC-354-01, (with S.B. Gershwin), May 2001.
4. “On Capacity Options in Lean Retailing,” Harvard University, Center for Textile and Apparel Research, Research Paper Series, February 2001.
5. “Overview of the Turkish Textile and Apparel Industry,” Harvard University, Center for Textile and Apparel Research, Research Paper Series, February 2001.

Dissertation and Reports

1. **Tan, B.**, A Decomposition Method for Multistation Production Systems, Ph.D. Dissertation, Industrial and Systems Engineering, University of Florida, May 1994.
2. **Tan, B.**, A Computerized Alignment System for the Scanning Proton Microprobe, Master’s Project, Industrial and Systems Engineering, University of Florida, December 1991.

Academic Advising

Advising Ph.D. Theses:

- Oktay Karabağ (2014-), Cooperation in Supply Chain Operations,
Koç University, PhD in Industrial Engineering and Operations Management
- Behnaz Hosseini (2014-), Modelling and Analysis of a Collaborative Production Network,
Koç University, PhD in Industrial Engineering and Operations Management
- Siamak Khayyati (2016-), Data-driven Model Building and Control of Production Systems,
Koç University, PhD in Industrial Engineering and Operations Management
- Nima Manafzadeh Dizbin (2016-), Analysis of Queueing Models of Production Systems with Correlated Arrival and Service Times,
Koç University, PhD in Operations Management

Member of the Ph.D. Committee:

- Yiğit Altan (2016),
Boğaziçi University, PhD in Civil Engineering
- Nermin Kurt (2016-),
Koç University, PhD in Industrial Engineering and Operations Management
- Ramiz Assaf (2012),
Politecnico di Milano, PhD in Mechanical Engineering, Manufacturing Systems
- Emre Çamlıbel (2011),
Boğaziçi University, PhD in Civil Engineering

Advising M.S Theses:

- Koç University, MS in Business Theory:
Nima Manafzadeh Dizbin (2016),
Modelling and Analysis of the Impact of Correlated Service and Arrival Times in Manufacturing Systems
- Koç University, MS in Industrial Engineering:
Yahya Yavuz (2013),
Analysis of a Business Model to Offer Energy Saving Technologies as a Service
- Gözde Gencer (2010),
Cyclical Dynamics of Industrial Production and Employment: A Markov Chain Approach
- Elif Nihan Çömden (2009),
Agricultural Planning Problems with Harvest, Yield and Demand Uncertainty
- Figen Helvacioğlu (2009), Co-supervisor (with S. Karabatı),
Multi-product Inventory Control Under Stock-out Based Substitution
- Ömer Cem Öztürk (2006), Co-supervisor (with S. Karabatı),

A Method for Estimating Stock-out Based Substitution Rates by Using Point-of-Sale Data
 Semra Ağralı(2005), Co-supervisor (with F. Karaesmen),
 Modeling and Analysis of an Auction-based Logistics Market
 Aysun Aker (2005), Co-supervisor (with F. Karaesmen),
 Single Period Stochastic Inventory Problem with Downside Risk Considerations
 Işıl Yıldırım (2004), Co-supervisor (with F. Karaesmen),
 Stochastic Production Planning and Sourcing Problems with Service Level Constraints

Member of the MS Thesis Committee:

Koç University, MS in Industrial Engineering:
 Işıl Koyuncu (2015), Eda Yücel (2006), Alper Altan (2005),
 Tuğrul Tekin (2004), Esen Mestan (2003)

Boğaziçi University MS in Industrial Engineering:
 Seval Ata (2017), Ferhat Hancer (2008), Birnur Özbaş (2005),
 Anıl Yazıcı(2004), Berna Yenice (1996)

Boğaziçi University MS in Civil Engineering:
 Şafak Taylan (2002), İbrahim Kahraman (1999)

Advising MBA Theses and Project:

Koç University Graduate School of Business:
 Ümit Gürün (Fall 1999), Seçkin Köseoğlu (Fall 1996), Destan Kandemir (Fall 1996),
 Ali Burak Apaydın (1996), Sinan Deliormanlı(1996), Selen Müftüoğlu (1995),
 Burcu Şekersoy (1995) Gökhan Erkal (1995)

Koç University Undergraduate Summer Research Program:

Ahmadreza Javanmardi (2015), Sharif University of Technology

Koç University Undergraduate Independent Studies:

Yağmur Aslan (2015), Koray Gökçe (2013), Başak Eken (2013),
 Enes Duysak (2013), Yasemin Özdoğan (2012),
 Memduh Gözağaç (1998), Murat Arıklı(1998), Ümit Gürün (1998), Mert Aşkın (1997),
 Alpar Kamber (1997), Sinan Tunalı(1997), Ebru Atasoy (1997), Tufan Özkan (1997)

Visiting Researchers

Justus A. Schwarz (2016, 2018), University of Mannheim
 Martin Epp (2016), Karlsruhe Institute of Technology
 Svenja Lagershausen (2013), Leibniz University Hannover

Invited Research Talks

UNIVERSITY COLLEGE LONDON: School of Management	2018
KOBE UNIVERSITY: Graduate School of System Informatics	2016
KYOTO UNIVERSITY: Graduate School of Management	
UNIVERSITY COLLEGE LONDON: School of Management	
UNIVERSITY OF MANNHEIM: Chair of Production Management	2015
UNIVERSITY OF CAMBRIDGE: Institute for Manufacturing	2014
KOBE UNIVERSITY: Graduate School of Business Administration-SESAMI Seminar	
KYOTO UNIVERSITY: Graduate School of Management	
HITACHI YOKOHOMA RESEARCH LABORATORY: Manufacturing Technology Research Center	
YAŞAR UNIVERSITY: Department of Industrial Engineering	
POLITECNICO DI MILANO: Manufacturing and Production Systems Division	2012
BİLKENT UNIVERSITY: Department of Industrial Engineering	2010
MIDDLE EAST TECHNICAL UNIVERSITY: Department of Industrial Engineering	
BİLKENT UNIVERSITY: Department of Industrial Engineering	2008
MIT: Laboratory for Manufacturing and Productivity	
CASE WESTERN RESERVE UNIVERSITY: Weatherhead School of Management	
RUTGERS UNIVERSITY: Department of Industrial Engineering	2007

MARMARA UNIVERSITY: Department of Industrial Engineering	
MIDDLE EAST TECHNICAL UNIVERSITY: Department of Industrial Engineering	2006
HEC PARIS: Operations Management	2005
POLITECNICO DI MILANO: Manufacturing and Production Systems Division	2003
TECHNISCHE UNIVERSITEIT EINDHOVEN: Beta Institute	
TILBURG UNIVERSITY: Center for Economic Research	
BOĞAZIÇI UNIVERSITY: Department of Industrial Engineering	
ÉCOLE CENTRALE PARIS: Laboratoire Productique et Logistique	
INSEAD: Technology and Operations Management	2002
SABANCI UNIVERSITY: Manufacturing Systems Engineering	
BİLKENT UNIVERSITY: Department of Industrial Engineering	
BOSTON UNIVERSITY: United Technologies Distinguished Lecturer Series	
BOSTON UNIVERSITY: Manufacturing Engineering	
UNIVERSITY OF FLORIDA: Department of Industrial and Systems Engineering	2001
HARVARD UNIVERSITY: Harvard Center for Textile and Apparel Research	
HARVARD UNIVERSITY: Division of Applied Sciences and Engineering	
MCGILL UNIVERSITY: Graduate School of Business	
MIT: Laboratory for Manufacturing and Productivity	2000
MIDDLE EAST TECHNICAL UNIVERSITY: Department of Industrial Engineering	1997
BOĞAZIÇI UNIVERSITY: Department of Industrial Engineering	
BİLKENT UNIVERSITY: Department of Industrial Engineering	
UNIVERSITY OF FLORIDA: Department of Industrial and Systems Engineering	1993

Conference

Presentations	IIE Annual Conference, USA	2016
	INFORMS Applied Probability Conference, Turkey	
	IIE Annual Conference, USA	
	XXXVth National Conference of Operational Research and Industrial Engineering	2015
	EURO Stochastic Modelling Conference, Mannheim, Germany	
	INFORMS, San Fransisco, USA	2014
	INFORMS, Phoenix, USA	2012
	POMS International Meeting, Orlando, USA	2009
	INFORMS San Diego, USA	
	Bilkent University Second Annual Workshop on Supply Chain and Logistics, Ankara	
	XXVIIIth National Conference of Operational Research and Industrial Engineering	2008
	Kyoto International Conference on Business Groups in Emerging Economies	
	INFORMS, Seattle, USA	
	UNDP Clustering Conference, Istanbul, Turkey	
	AAOM PDW Academy of Management Conference, Philadelphia, USA	
	INFORMS International, Puerto Rico	2007
	INFORMS, Pittsburgh, USA	
	INFORMS International Conference, Hong Kong	
	POMS International Meeting, Boston, USA	2006
	INFORMS Annual Meeting, San Francisco, USA	
	XXVth National Conference of Operational Research and Industrial Engineering	2005
	XXIVth National Conference of Operational Research and Industrial Engineering	2004
	EUROSIS European Simulation Multiconference, Naples, Italy	
	EURO-INFORMS, Istanbul	2003
	INFORMS, San Jose, USA	2002
	INFORMS, San Antonio, USA	
	EURO XVII, Budapest, Hungary	
	XXIth National Conference of Operational Research and Industrial Engineering	2000
	XXth National Conference of Operational Research and Industrial Engineering,	1999

	INFORMS International, Tel-Aviv, Israel	
	XIXth National Conference of Operational Research and Industrial Engineering	1998
	INFORMS XXXIV-EURO XV, Barcelona Spain	1997
	XVIIIth National Conference of Operational Research and Industrial Engineering	
	IFORS 14th Triennial Conference, Vancouver, B.C., Canada	
	INFORMS, Atlanta, USA	1996
	XVIIth National Conference of Operational Research and Industrial Engineering,	1995
	ORSA/TIMS Joint National Meeting, Detroit, USA	1994
	ORSA/TIMS Joint National Meeting, Orlando, USA	1992
Other	Coursera Partners Conference, USA	2015
Meetings	EDUCA Berlin, Germany	2014
Participated	EIAE 2013 Conference, Turkey	
	Kyoto Graduate School of Management International Conference, Japan	
	EFMD Deans and Directors Meeting, Turkey	2013
	AACSB Asia-Pasific Meeting, China	
	EFMD Deans and Directors Meeting, United Kingdom	
	EFMD-ESMT Conference, Germany	
	EFMD Annual Conference, France	2012
	PRME MENA Conference, Egypt	
	American University in Cairo Business Roundtable, Egypt	
	EFMD MENA Conference, Morocco	
	EFMD-ESMT Conference, Germany	
	EFMD Deans and Directors Meeting, France	2011
	Global Economic Symposium, Turkey	2010
	EFMD Deans and Directors Meeting, Austria	
	EFMD Annual Conference, Germany	
	International Capacity Building Alliance Meeting, Brazil	2009
	United Nations Alliance of Civilizations Conference, Istanbul	
	CFA Partner Conference, Charlottesville, USA	
	World Business Council Vision 2050 Meeting, Istanbul	
	EFMD Annual Conference, Brussels	
	AACSB Annual Conference, Orlando	
	EFMD Deans and Directors Meeting, Milan	
	EFMD - ABS International Deans Program, Zurich-Boston-Lisbon	2008
	EFMD Deans and Directors Meeting, Italy	
	Sloan Industry Conference, Cambridge, USA	2007
	The Application of the M Language, MIT Data Center Program, Cambridge USA	2006
	Turkish Employers' Association of Metal Industries: MESS Gelişim'05, Antalya	
	European Commission Roundtable Meeting, Istanbul	2005
	Sloan Industry Conference, Cambridge, USA	
	Roundtable on OR Models in E-Commerce, MIT, Cambridge, USA	
	Demand Activated Manufacturing Architecture, North Carolina, USA	2001
	NATO Advanced Studies Institute	
	Soft Computing and Its Applications, Antalya	1996
	NATO Advanced Studies Institute	
	Current Issues on Maintenance and Reliability of Complex Systems, Antalya	1995
Sponsored	H2020-ECSEL Research and Innovation Actions	2017
Research	Productive 4.0: Electronics and ICT as Enabler for Digital Industry and	
Projects	Optimized Supply Chain Management Covering the Entire Product Lifecycle	
	ZER A.S.	2013

Analysis and Development of Cooperation-based Business Models TÜBİTAK	2010-2012
The Determinants of Business Cycles in Turkey and in Emerging Market Economies TÜBİTAK	2006-2009
A Point-of-Sales Based Method for Estimation of Product Substitution Rates and Inventory Control Under Stock-out Based Substitution KÜMPEM: Koç University-Migros Retailing Center	2004-2006
Modeling and Analysis of RFID Technology within the Supply Chain IBM CORPORATION	1992-1994
Computer-Aided Reliability Modeling of Semiconductor Manufacturing Tools MICROCHIP TECHNOLOGIES	1993-1994
Fuzzy Logic Code Generator for Embedded Controllers	

TEACHING ACTIVITIES

Courses Taught	EXECUTIVE MBA, MBA, AND UNDERGRADUATE COURSES: Operations Management (OPSM 901, OPSM 502, OPSM 301) Design, Planning, and Control of Operations (OPSM 634, OPSM 350) Supply Chain Management (OPSM 550, OPSM 305) Logistics Management(OPSM 652) Service Operations Management (OPSM 450) Total Quality Management (OPSM 902, OPSM 631, OPSM 402) Management Science (QMBU 632, QMBU 302) Decision Analysis (BDEC 901) Statistics (STAT 501) Computer Simulation in Business (QMBU 633) Transform Methods in Systems Engineering (ESI 4568, University of Florida)
	EXECUTIVE EDUCATION PROGRAMS: Operations Strategy, Business Model Innovation, Supply Chain Management, Process Management, Quality Improvement and Management, Managerial Decision Making, Data Analysis for Managers
Case Studies	Developing a Business Model to Improve Energy Sustainability of Existing Buildings, Koç University Graduate School of Business Case Series, (The Case Centre Collection 614-074-1) (with Otay, E. N., and Çamlıbel, E., and Y. Yavuz, Y.), 2014. Zer: The Power of Cooperation, Koç University Graduate School of Business Case Series, (The Case Centre Collection 614-016-1), 2014. Turkish Airlines: Globally Yours, Balancing Growth, Profitability and Quality, Koç University Graduate School of Business Case Series-OPSM2011-1. (ECCH Collection 612-011-1), (with Z. Akşin-Karaesmen), 2011. Vestel- Electronics-Transition into the Leading European TV Manufacturer, Koç University Graduate School of Business Case Series- OPSM2005-1. (ECCH Collection 605-015-1),(with S. Karabatı), 2005. Vestel Durable Goods- Distribution Planning and 3PL Relations, Koç University Graduate School of Business Case Series- OPSM2004-1. (ECCH Collection 604-016-1), (with Z. Akşin-Karaesmen), 2004.

SERVICE ACTIVITIES

Institutional Service	<p>Vice President for Academic Affairs, Koç University Dean, College of Administrative Sciences and Economics, Koç University Director, Graduate School of Business, Koç University Member of the Executive Board, Executive Committee Co-chairman TUSIAD-Koç University Economic Research Forum Member of the Executive Board KÜMPEM-Koç University-Migros Executive Education Center Member, Koç University Academic Council Member, Koç University Executive Council</p>	
Editing Professional Journals	<p>FLEXIBLE SERVICES AND MANUFACTURING Manufacturing Systems, Area Editor 2017- IIE TRANSACTIONS Focus Issue on Design and Manufacturing, Area Editor 2017- ANNALS OF OPERATIONS RESEARCH Special Volume on Stochastic Models of Manufacturing and Service Operations, Guest Editor 2015 ANNALS OF OPERATIONS RESEARCH Special Volume on Stochastic Models of Manufacturing Systems, Guest Editor 2008 IIE TRANSACTIONS Special Volume on Stochastic Models of Manufacturing Systems, Guest Editor 2007 INTERNATIONAL JOURNAL OF BUSINESS, MANAGEMENT, AND ECONOMICS Member of the International Advisory Board 2006-present OPERATIONS RESEARCH SPECTRUM Special Volume on Stochastic Models of Production/Inventory Systems Vol. 25, Issue: 2-3, Guest Editor 2005 ANNALS OF OPERATIONS RESEARCH Special Volume on Stochastic Models of Manufacturing Systems I and II Vol. 125-126, Guest Editor 2004</p>	
Reviewing Professional Journals	<p>Annals of Operations Research, Asia-Pacific Journal of Operational Research, Automatica, European Journal of Operational Research, 4OR, Fuzzy Sets and Systems, Computers and Industrial Engineering, Computers in Industry, IEEE Transactions on Automatic Control, IEEE Transactions on Automation Science and Engineering, IEEE Transactions for Robotics and Automation, IIE Transactions, Industrial Engineering Journal of Turkish Chamber of Engineers, International Journal of Production Economics, International Journal of Production Research, International Journal of Systems Science, International Transactions in Operational Research, Mathematical and Computational Applications, Mathematical and Computer Modelling, Mathematical Problems in Engineering, Naval Research Logistics, Operations Research Spectrum, Production and Operations Management, Transactions on Operational Research</p>	
External Review of Institutions	<p>EQUIS ACCREDITATION Chairman of the Peer Review Team 2011-present 8 schools in Australia, Canada, Germany, Japan, Mexico, Singapore, South Africa, South Korea Member of the Peer Review Team 2010-present 9 schools in Australia, Denmark, France, Sweden, United Kingdom Member of the EQUIS Awarding Body 2013-present</p>	

Conference Organization	STOCHASTIC MODELS OF MANUFACTURING AND SERVICE OPERATIONS CONFERENCE Member of the Scientific Committee	2003-present
	EFMD DEANS AND DIRECTORS GENERAL CONFERENCE Member of the Advisory Committee	2011-2013
	CEMS STRATEGIC BOARD MEETING Member of the Advisory Committee	2012-2013
	IIE INTERNATIONAL Member of the Scientific Committee	2013
	8TH CONFERENCE ON STOCHASTIC MODELS OF MANUFACTURING AND SERVICE OPERATIONS Conference Chair	2011
	INTERNATIONAL CONFERENCE ON ANALYTICAL AND STOCHASTIC MODELING TECHNIQUES AND APPLICATIONS Member of the International Program Committee	1998-2010
	EFMD ANNUAL CONFERENCE, Conference Chair	2009
	EUROMA CONFERENCE Member of the Organizing Committee	2007
	INTERNATIONAL LOGISTICS AND SUPPLY CHAIN MANAGEMENT CONFERENCE Member of the Scientific Committee	
	NATIONAL OPERATIONS RESEARCH AND INDUSTRIAL ENGINEERING CONFERENCE YA/EM 2006, Conference Co-chair	
	INTERNATIONAL CONFERENCE ON BUSINESS, MANAGEMENT AND ECONOMICS Member of the Conference Advisory Board	2005
	LOGISTICS SUMMIT, Conference Chair YA/EM National Operations Research and Industrial Engineering Conference Member of the Organizing committee	2004
	IE/OR DOCTORATE STUDENTS COLLOQUIUM, Co-chair	2003
	INTERNATIONAL CONFERENCE ON RESPONSIVE MANUFACTURING Member of the International Program Committee	2002
	YA/EM National Operations Research and Industrial Engineering Conference Member of the Organizing committee	2000
	EUROPEAN SIMULATION MULTICONFERENCE Modeling Organizations and Information Systems Conference, Program Co-chair	
	INTERNATIONAL SYSTEMS DYNAMICS CONFERENCE Member of the Organizing Committee	
Invited Talks	PROCTER & GAMBLE TURKEY&CAUCASUS 2015 ANNUAL MEETING: "SUPPLY CHAIN MANAGEMENT AND INNOVATION"	2015
	XVII. LOGISTICS SUMMIT: "BUSINESS MODEL INNOVATION AND SUPPLY CHAIN MANAGEMENT"	2015
	HITACHI LTD, YOKOHOMA RESEARCH LABORATORY "INTER-FIRM COOPERATION AMONG MANUFACTURING FIRMS"	2014
	THE COCA COLA COMPANY TURKEY, CAUCASUS & CENTRAL ASIA BUSINESS UNIT 2013 BUSINESS LAUNCH MEETING: "THE ROLE OF BUSINESS IN SOCIETY: MAKING A POSITIVE CONTRIBUTION"	2013
	KOÇ HOLDING: LOGISTICS EXECUTIVES MEETING "INNOVATION AND SUPPLY CHAIN MANAGEMENT"	
	CEVA LOGISTICS GLOBAL BUSINESS DIRECTORS MEETING: "INNOVATION AND SUPPLY CHAIN MANAGEMENT"	2011
	BİLKENT UNIVERSITY OPERATIONS RESEARCH SOCIETY: "BUSINESS WORLD AND GRADUATE STUDIES"	
	BİLKENT UNIVERSITY ENGINEERING SOCIETY YÖNET 2006:	

	“LEADERSHIP”	
	KAYSERİ CHAMBER OF INDUSTRY ANATOLIAN BRANDS MEETING: “COMPETITIVE STRATEGIES FOR SMES”	2006
	KINGDOM OF BAHRAIN, MINISTRY OF INDUSTRY AND COMMERCE: “PRODUCTION AND SUBCONTRACTING STRATEGIES IN SUPPLY CHAINS”	
	KOÇ MBA CLUB TEXTILE FORUM: “COMPETITIVENESS OF THE TURKISH TEXTILE AND APPAREL INDUSTRY”	2005
	VI. LOGISTICS SUMMIT: OPENING SPEECH	2004
	UTİKAD INTERNATIONAL FREIGHT FORWARDERS ASSOCIATION MEETING: “OUTSOURCING STRATEGIES IN SUPPLY CHAINS”	
	V. LOGISTICS SUMMIT: “PRODUCTION AND OUTSOURCING STRATEGIES IN SUPPLY CHAINS”	2003
	I. OUTSOURCING SUMMIT: “A GENERAL LOOK AT OPERATIONAL OUTSOURCING”	2002
	MESS TURKISH EMPLOYERS’ ASSOCIATION OF METAL INDUSTRIES, CHANGE ’97: “MANAGEMENT IN THE INFORMATION AGE”	1997
Other Services	KU LEUVEN PROJECT EVALUATION	2015
	AGENCE NATIONALE DE LA RECHERCHE PROJECT EVALUATION	2014
	POLITECNICO DI MILANO MEMBER OF THE PROMOTION COMMITTEE	
	BUSINESS COUNCIL FOR SUSTAINABLE DEVELOPMENT TURKEY INNOVATIVE SUSTAINABILITY PROJECTS COMPETITION, JURY MEMBER	2013
	CAPITAL - EKONOMIST, ANATOLIAN BRANDS COMPETITION JURY MEMBER	2012
	CFA GLOBAL RESEARCH CHALLENGE, EMEA FINAL JURY MEMBER	2010
	YA/EM 2009 NATIONAL CONFERENCE OF OPERATIONAL RESEARCH AND INDUSTRIAL ENGI- NEERING INDUSTRY PROJECT COMPETITION JURY MEMBER	2009
	CAPITAL - EKONOMIST, ANATOLIAN BRANDS COMPETITION JURY MEMBER	
	ENDEAVOUR TURKEY, YOUNG VISION CASE COMPETITION MEMBER OF THE ADVISORY BOARD	
	PERYÖN, HUMAN RESOURCES MANAGEMENT COMPETITION JURY MEMBER	
	YA/EM 2008 NATIONAL CONFERENCE OF OPERATIONAL RESEARCH AND INDUSTRIAL ENGI- NEERING INDUSTRY PROJECT COMPETITION JURY MEMBER	
	TUSIAD KALDER QUALITY AWARD JURY MEMBER	2005
	TURKISH LANGUAGE INSTITUTE DICTIONARY OF INDUSTRIAL ENGINEERING AND OPERATIONS RESEARCH TERMS COMMITTEE MEMBER	2004-2005
	TUSIAD KALDER QUALITY AWARD JURY MEMBER	2004
	HIGHER EDUCATION COUNCIL OF TURKEY ASSOCIATE PROFESSORSHIP EVALUATIONS	2003-PRESENT
	TÜBİTAK-TİDEB PROJECT EVALUATION,	2002-2004

TURKISH OPERATIONS RESEARCH SOCIETY STUDENT PROJECT COMPETITION JURY MEMBER	2000
CITY UNIVERSITY OF HONG KONG PROJECT EVALUATION	1999

**Contribution
to media**

HARVARD BUSINESS REVIEW TURKEY	2012
FINANCIAL TIMES	2010
MONTHLY PAGE IN <i>Capital</i> MAGAZINE: 46 ARTICLES	2003-2010
GLOBAL FOCUS, DÜNYA, HÜRRIYET, REFERANS, SKY LIFE BUSINESS	2009
HÜRRIYET, DÜNYA, REFERANS, EKONOMIST, CNN TÜRK, KANAL 24	2008
BILGI ÇAĞI, AÇIK RADYO	2007
TİM REPORT, ÖNCE KALITE	2005
LE MONDE, FRANFURTER ALLEGEMEINE ZEITUNG, LA7-ITALY, CNN TÜRK, TRT 1, LOJISTIK, TURKTICARET.NET, BIZDEN HABERLER	2004
BBC WORLD, NTV, CNBC-E, CNN TÜRK, MILLIYET, SABAH, CAPITAL, PLATIN, POWER, PARA, PLATIN GELECEX, HUMAN RESOURCES, UTA LOJISTIK, KULE, GLOKAL	2003
CHANGE	2002
POWER	2001
CAPITAL TEXTILE, INTERMEDYA EKONOMI	1998
CAPITAL, AKTÜEL PARA, ÖNCE KALITE	1997