

Aaron J. Shenhar,
Professor of Project Management and Technological Leadership

Stevens Institute of Technology, Institute Professor (Retired)
Rutgers Business School, Research Fellow
Tel-Aviv University, Visiting Professor
CEO, Technological Leadership Institute, SPL Group

EDUCATION

Ph.D. Stanford University, Electrical Engineering,
Major Field: Information Theory, Minor Field: Statistics
M.Sc. Stanford University, Engineering Economic Systems
M.Sc. Stanford University, Statistics
M.Sc. Technion, Israel, Electrical Engineering
B.Sc. Technion, Israel, Electrical Engineering

FIELDS OF RESEARCH, TEACHING, AND CONSULTING

Strategic Project Management
Management of Technology and Innovation
System Engineering
Technological Leadership

AWARDS, HONORS, and IMPACT

Research Achievement Award, IPMA, International Project Management Association, 2013.

Nominated as **Fellow, PMI, Project Management Institute**, 2012.

Citations: Over **5000**.

Reinventing Project Management., published by Harvard Business School Press was among the **Top Five Best Business Books** of the year, and the first Harvard Press book in PM.

Nominated as **Fellow, NASA's Center for Project/Program Management Research**, 2004.

First Recipient of PMI's **Research Achievement Award**, 2003.

Nominated to **NASA's Science Council on Project and Program Management**, 2003.

"**Top Ten Most Downloaded Articles**" in 2003 in the Business Category of Science Direct: "An empirical analysis of the relationship between project planning and project success," (with D. Dvir and T. Raz), *Int. J. of Project Mgt*, 21, 2, 2003.

Jess H. Davis Research Award, Stevens Institute of Technology, 2000.

Henry Morton Distinguished Teaching Professor Award, Stevens Institute of Technology, 2000

Received the **Engineering Manager of the Year Award**, IEEE, Engineering Management Society, 2000.

Ranked **Best Teacher**, Wesley J. Howe School of Technology Management, Executive Master of Technology Management Program, Stevens Institute of Technology, 1999, 2004.

Citation of Excellence with the Highest Quality Rating by ANBAR Electronic Intelligence Assessment Board: "Understanding the Defense Conversion Dilemma," (with Z. Hougui, D. Dvir, A. Tishler, and Y. Sharan), Technological Forecasting and Social Change, 59, 3, 1998.

Excellence in Publication Award for: "From Theory to Practice: Toward a Typology of Project Management Styles." IEEE Transactions on Engineering Management, February 1998.

POSITIONS AND APPOINTMENTS

Academic Positions

2011 - Research Fellow, Rutgers Business School
Visiting Professor, Tel-Aviv University, School of Business

2008 - 2011 Professor of Project and Technology Management,
Rutgers Business School, Dept. of Supply Chain Mgm. and Marketing Sciences

2008 - 2009 Founder and Director, Master of Business and Science Program, Rutgers Univ.

1996 - 2008 Institute Professor of Management, Stevens Inst. of Tech., Retired 2008

2002 - 2004 Academic Director, Executive Leadership Institute, Stevens Inst. of Tech.

1997 – 2001 Founder and Director, Project Management Program, Stevens Ins. of Tech.

1997 – 2002 Founder, Center for Technology Management Research, Stevens Ins. of Tech.

1993 – 1996 James J. Renier Chair of Technological Leadership, University of Minnesota,
(Visiting Professor)

1989 – 1993 Visiting Associate Professor (Expert) (1989-1993) Tel-Aviv Business School

1989 – 1993 Founder, Technology Management MBA Program, Tel-Aviv University

Founder and Director, System Engineering Management Program, Tel-Aviv U.

Executive Positions in Industry and Business

2010 - CEO, Technological Leadership Institute, SPL Group

Rafael, Advanced Defense Systems, Israel

1983 – 1989 Executive Director and Chairman of Electronics Systems Division, a
Leading a high-tech business of over 1000 scientists and \$100M in sales.

1978 – 1983 Executive Vice President, Human Resources. Responsibility for HR
development and administration in a corporation of over 6000 employees.

1976 – 1978 Chief Engineer, Electronic Warfare Department and Radar Section

SAMPLE OF ACCOMPLISHMENTS

Initiating and leading in 2008 the first “Future of Project Management Forum,” which involved influential national and international scholars of project management research, who presented their past research and discussed the future visions of the profession.

Was selected in 2004 to build the framework and criteria for the Aerospace Industry Best Program Excellence Award through Aviation Week magazine. Serving each year as a judge to select the winning program. Was invited 3 times to address the industry’s annual conference.

Leading a team of 15 researchers from six universities in four countries on a major research project for NASA, 2004-2005.

Founded and run a new Project Management Program at Stevens Institute of Technology, 1997-2001. The program became within two years the fastest growing program in the School of Technology Management.

Founded the Center for Technology Management Research, Stevens, 1997.

Founded an Executive Education Program at the University of Minnesota, 1994-1996.

Led a team of 30 researchers to study the R&D Management of Projects in the defense industry in Israel, 1992-1994.

Founded a graduate program in Systems Engineering Mgt, Tel-Aviv University, 1990-1993.

Founded an MBA program and a new division of Technology Management, at Tel-Aviv University, 1988-1993.

Grew the Electronics Systems Division at Rafael, Advanced Weapon Systems from \$55M to \$100M and won the Division’s first international contracts - \$40M and \$25M, 1984-1988.

CONSULTING TO MAJOR CORPORATIONS AND COMPANIES

Consulting to large corporations such as, Intel, 3M, Honeywell, Lockheed-Martin, NASA, US Army, Trane, MNDOT, Dow Jones, Compaq Computers, AT&T, Liz Claiborne, BMG, Israeli Aerospace Industry, Israel Ministry of Defense, Aditya Birla, and Tata.

PAST RESEARCH GRANTS

“Linking Project Management to Business Strategy,” Project Management Institute, 2004-2007 (PI - \$30,000).

“Assessing NASA’s Strategic Project Types,” NASA Center for Project/Program Research, CPMR, USRA, 2004-2005 (PI - 75,000).

“The Human Side of Project Leadership.” Project Management Institute, 2003-2005 (Co-PI - \$30,000).

“Technogenesis: Values and Contributions in a University Environment,” Stevens Board of Trustees, 2003-2005 (PI - \$75,000).

“Strategic Project Management: Making Projects our Next Competitive Weapon,” The National Science Foundation, 1998-2003 (PI - \$300,000).

“Defense Conversion in Small Companies,” Center for the Development of Technological Leadership, University of Minnesota, 1995-1997 (PI - \$20,000).

“Defense Conversion in Israeli Defense Industries,” Ministry of Defense, Israel, 1993-1994 (Co-PI- \$40,000)

“The Management of Defense R&D Projects in Israel,” Ministry of Defense, Israel, 1991-1993 (PI- \$150,000)

PENDING RESEARCH GRANTS

“Linking Innovation and Project Management.” (With D. Dvir from Ben Gurion U. and Jiyao Chen from Oregon State U.) Project Management Institute, \$50,000.

“The Challenge of Innovation in Large Aerospace and Defense Programs.” (With Yao Zhao, Rutgers U. and Vered Holzmann, HIT) Project Management Institute, \$50,000.

“The Critical Elements in Leading Large Crisis Projects.” IBM Center for Business of Government. \$20,000.

“Optimization of Supply and Development Chains in Aerospace and Defense Programs.” (With Yao Zhao and Benjamin Melamed, Rutgers U.) In preparation for resubmission to: National Science Foundation, \$750,000.

TEACHING TOPICS

Engineering Schools

Information Theory
Introduction to Statistics.
Probability Theory.
Stochastic Processes
Signals and Systems
Radar Systems
Digital Communication
Systems Engineering Management

Management Schools/Executive Programs

Management of Technology
Management of Technological Innovation
Operations Management.
Project Management.
Managing Innovative Projects
R&D Management.
Managing Professionals.
Systems Engineering Management
Advanced Project Management.
Strategic Project Leadership

CURRICULUM AND COURSE DEVELOPMENT

- Built a new MBA Program in Technology Management – Tel-Aviv U. (1987-1993)
- Developed three new courses for MBA in TM - Tel-Aviv U. (1987-1991)
- Built a new Systems Engineering Management – Tel-Aviv U. (1990-1993)
- Developed two new courses for SEM Program - Tel-Aviv U. (1990- 1993)
- Built an Executive Program in Technology and Innovation – U of Minnesota (1993-1996)
- Built a new graduate program in Project Management – Stevens (1996-2001)
- Developed five new courses for MS in PM and EMTM programs - Stevens (1996-2001)
- Developed an Executive Certificate Program in Project Leadership – Stevens (2003-2005)

STUDENTS

List of Students (with Dissertations)

Doctoral theses supervised as primary advisor.

1. Ori Orhof: "Project Contingency at the Subproject Level." In Process.
2. Dror Yeger: "Business Model Innovation Frameworks." In Process.
3. Leon Herszon: "Understanding Project Complexity." In Process.
4. Joe Llano: University Entrepreneurship Environments." 2010.
5. Joca Stefanovic: "Strategic Extent in Project Management." 2008.
6. Michael Poli: "Strategic Focus in Project Management". 2006.
7. Brian Sauser: "Project Management at NASA." 2004.
8. Tim Phelan: "The Power of Effectiveness in Project Management". 2004.
9. Alan Maltz: "Defining and Measuring Organizational Success". 2000.
10. Dov Dvir: "On the Effectiveness of Strategic Business Units in the Israeli High-Tech Industry," Tel Aviv University, 1992.

Master's theses supervised as primary advisor.

University of Minnesota:

1. K. Ley: "Developing an Organizational Technology Roadmap," 1997.
2. D. Walden: "A Process Improvement View on Innovation," 1997.

3. B Nofzinger: "A New Model for Learning Project Management," 1997
4. B. Cohn: "NPD Process Development," 1997.
5. A. Lagerwaard, P. Richards: "Reengineering NPD at IBM," 1996.
6. Z. Hougui: "Defense Conversion in Small Companies," 1996.
7. S. Fricke: "Managing Multiple Projects in Manufacturing," 1996.
8. T. Kryzer: "Innovation in the Automotive Industry," 1996.
9. P. Allen: "Technical Innovation at Allient Techsystems," 1996.

Tel-Aviv University

10. S. Klein: "Software and Hardware Project Contingencies," 1996.
11. M. Peled: "On the Problems of Ill-Defined Military Projects," 1994.
12. O. Levy: "Analysis of Success Dimensions in Technological Projects," 1993.
13. Z. Yami: "Implementing New Technology in Military Units," 1993.
14. A. Jonathan: "The Use of Information Theory Definitions for the Analysis of Dynamic Systems." Technion - Israel, 1980.

SCIENTIFIC AND PROFESSIONAL AFFILIATIONS

Served as Member of Editorial Boards

Technological Forecasting and Social Change
 Journal of Engineering and Technology Management (JET-M)
 Journal of Systems Engineering,
 IEEE Transaction on Engineering Management

Served as Reviewer for:

Journal of Engineering and Technology Management, Management Science, Journal of Systems Engineering, Sloan Management Review, California Management Review, Long Range Planning, Research Policy, IEEE Transactions on Engineering Management, R&D Management, Engineering Management Journal, Academy of Management Annual Meetings, Technological Forecasting and Social Change, Project Management Journal, International Journal of Project Management, Operations Management, The National Science Foundation

Professional Societies

Member: AOM, IEEE, INCOSE, INFORMS, PMI, IAMOT.

Academy of Management:

Organizer and speaker in special PDW on Project Management, 2005, 2008

IEEE Engineering Management Society: Transactions Editor-in-Chief Search Committee 2003.

International Association of Management of Technology, IAMOT:

Discussion Group Leader: "The State of the Discipline, 1997 - 1998

Track Leader on Project Management, IAMOT 2000, 2002

International Council on Systems Engineering, INCOSE:

Leader of the Academic Forum, 1994 - 1995.

Books

1. Aaron Shenhar and Dov Dvir, Reinventing Project Management: The Diamond Approach to Successful Growth and Innovation. Harvard Business School Press, August 2007, (288p).
2. Aaron J. Shenhar, Dov Dvir, Dragan Milosevic, and Hans Thamhain, Linking Project Management with Business Strategy, Project Management Institute, 2007, (239p).
3. Richard Reilly, Zvi Aronson, Peter Dominick, Michael Ryan, Ann Mooney, and Aaron J. Shenhar, The Human Side of Project Leadership, Project Management Institute, 2007, (215p).
4. Aaron Shenhar and Amos Yarkoni (editors) The Culture of Management in Israel, Tcherikover, 1994, (in Hebrew, 411p).
5. Aaron Shenhar and Dov Dvir, R&D Defense Management in Israel, Institute of Business Research, Tel-Aviv University and Ministry of Defense Israel, 1993, (in Hebrew, 230p).
6. Aaron Shenhar, The Economy of Israel in the Grip of Industrial Relations, Ramot, 1991, (in Hebrew, 191p).

Refereed Journal Research Articles and Book Chapters

1. Zvi Aronson, and Aaron Shenhar, (In-Press). The affect of vision, artifacts, and leader values on contextual performance behavior and success in technology challenging projects: Qualitative evidence. International Journal of Innovation and Technology Management.
2. Zvi Aronson, and Aaron Shenhar, "Managing the Intangible Aspects of a Project: Quantitative and Qualitative Evidence on the Affect of Vision, Artifacts, and Leader Values on Contextual Performance and Success in Technology Driven Projects." Project Management Journal, 44, 1, pp. 35-58, 2013.
3. Alan Maltz, Aaron Shenhar, Dov Dvir, and Michael Poli, "Integrating Success Scorecards Across Corporate Organizational Levels." The Open Business Journal, 5, pp. 8-19, 2012.
4. Peerasit Patanakul, Aaron Shenhar, and Dragan Milosevic, "How Project Strategy is used in Project Management: Cases of New Product Development and Software Development Projects." Journal of Engineering and Technology Management, 29, pp. 391-414, 2012.
5. Peerasit Patanakul and Aaron Shenhar, "What Project Strategy Really Is: The Fundamental Building Block in Strategic Project Management." Project Management Journal, February 2012.
6. Dov Dvir and Aaron Shenhar, "What Great Projects Have in Common." MIT Sloan Management Review, 52, 3, pp. 19-21, 2011.

7. Zvi Aronson, Richard Reilly, and Aaron Shenhar, "Project Spirit: Placing partakers' emotions, attitudes and norms in the context of project vision, artifacts, leader values, contextual performance and success." Journal of High Technology Management Research, 21, pp. 2-13, 2010.
8. Peerasit Patanakul and Aaron J. Shenhar, "Exploring the Concept of Value Creation in Program Planning and System Engineering Processes." System Engineering, 13, 4, pp. 340-352, 2010.
9. Brian Sauser, Richard Reilly, Aaron Shenhar, "Why Projects Fail? How Contingency Theory Can Provide New Insights -A Comparative Analysis of NASA's Mars Climate Orbiter Loss." International Journal of Project Management, 27 pp. 665-679, 2009.
10. Aaron J. Shenhar and Brian Sauser, "Systems Engineering Management: The Multidisciplinary Discipline", in A. Sage (Ed) Handbook of Systems Engineering and Management, 2nd Edition, John Wiley, 2009.
11. Aaron J. Shenhar and Dov Dvir, "Project Management Research: The Challenge and Opportunity," Project Management Journal, June 2007.
12. Aaron Shenhar, "Introduction," Linking Projects to Business Strategy, Project Management Institute, Newton Square, PA, 2007.
13. Aaron Shenhar, "Strategic Project Leadership® Toward a Strategic Project Management Approach" in Linking Projects to Business Strategy, Project Management Institute, Newton Square, PA, 2007.
14. Aaron J. Shenhar, Dov Dvir, William Guth, Thomas Lechler, Dragan Milosevic, Peerasit Panatakul, Michael Poli, Joca Stefanovic, "Project Strategy – The Missing Link" by in Linking Projects to Business Strategy, Project Management Institute, Newton Square, PA, 2007.
15. Zvi Ahronson, Richard R. Reilly, and Aaron J. Shenhar, "Project Spirit: The Building Blocks of Inspiration" in Linking Projects to Business Strategy, Project Management Institute, Newton Square, PA, 2007.
16. Aaron J. Shenhar, Dov Dvir, Ofer Levy, and Alan Maltz, "Project Success – A Multidimensional Strategic Concept" in Linking Projects to Business Strategy, Project Management Institute, Newton Square, PA, 2007.
17. Peerasit Patanakul and Aaron J. Shenhar, "Why Different Projects Need Different Strategies" in Linking Projects to Business Strategy, Project Management Institute, Newton Square, PA, 2007.
18. "Does Strategic Alignment Contribute to Business Success" by Joca Stefanovic and Aaron J. Shenhar, in Linking Projects to Business Strategy, Project Management Institute, Newton Square, PA, 2007.
19. Dov Dvir and Aaron J. Shenhar, "What Makes Great Strategic Projects" in Linking Projects to Business Strategy, Project Management Institute, Newton Square, PA, 2007.

20. Dov Dvir, Ariye Ben David, Arik Sadeh, and Aaron Shenhar, "Critical managerial factors affecting defense projects success: A comparison between neural network and regression analysis," Engineering Applications of Artificial Intelligence, 19, 5, pp. 535-543, 2006.
21. Aaron J. Shenhar, Dov Dvir, Dragan Milosevic, Jerry Mulenburg, Peerasit Patanakul, Richard Reilly, Michael Ryan, Andrew Sage, Brian Sauser, Sabin Srivannaboon, Joca Stefanovic, and Hans Thamhain, "Toward a NASA-Specific Project Management Framework," Engineering Management Journal, 17, 4, pp. 8-16, 2005.
22. Aaron J. Shenhar, "Strategic Project Leadership: Toward a Strategic Approach to Project Management." R&D Management, 34, pp. 569-578, November 2004
23. Aaron Shenhar and Dov Dvir, "Project Management Evolution: Past History and Future Research Directions," In Slevin, D.P., Cleland, D.I. and Pinto, J.K., Eds. Innovations: Project management Research 2004, Newtown Square, Pennsylvania: Project Management Institute, 2004.
24. Aaron Shenhar and Dov Dvir, "How Projects Differ and What to do About it," in P. W. G. Morris and J. A. Pinto (Editors) The Resource Book on the Management of Projects, John Wiley, 2004.
25. Dov Dvir, Stan Lipovetsky, Aaron Shenhar, and Asher Tishler, "What is really important for project success? - A refined, multivariate, comprehensive analysis," International Journal of Management and Decision Making, 4, 4, pp. 382-404, 2003.
26. Alan Maltz, Aaron J. Shenhar, and Richard Reilly, "Beyond the Balanced Scorecard: Refining the Search for Organizational Success Measures", Long Range Planning, 36, 2, pp. 185-201, 2003
27. Dov Dvir, Aaron Shenhar, and Shlomo Alkaher, "From A Single Discipline Product to a Multidisciplinary System: Adapting the Right Style to the Right Project", System Engineering, 6, 3, pp. 123-134, 2003.
28. Dov Dvir, Tsvi. Raz, and Aaron Shenhar, "An Empirical Analysis of the Relationship Between Project Planning and Project Success," International Journal of Project Management, 21, pp. 89-95, 2003.
29. Zadok Hougui, Aaron Shenhar, Dov Dvir, and Asher Tishler, "Defense Conversion in Small Companies: Risk, Activities, and Success Assessment", Journal of Technology Transfer, 27, 3, pp. 245-261, June 2002.
30. Tsvi Raz, Aaron Shenhar, and Dov Dvir, "Risk Management, Project Success, and Technological Uncertainty," R&D Management, 32, 2, pp. 101-109, 2002.
31. Aaron Shenhar, Aasher Tishler, Dov Dvir, Stan Lipovetski, and Thomas Lechler, "Refining the Search for Project Success Factors: A Multidimensional Typological Approach", R&D Management, 32, 2, pp. 111-126, 2002.

32. Aaron J. Shenhar, Dov Dvir, Ofer Levy, and Alan Maltz, "Project Success – A Multidimensional, Strategic Concept", Long Range Planning, 34, pp. 699-725, 2001.
33. Aaron Shenhar, "Contingent Management in Temporary Organizations: The Comparative Analysis of Projects", Journal of High Technology Management Research, 12, pp. 230-271, 2001.
34. Aaron Shenhar, "One Size Does Not Fit All Projects: Exploring Classical Contingency Domains", Management Science, 47, 3, pp. 394-414, 2001.
35. Max Wideman and Aaron Shenhar, "Professional and Personal Development Management", in Joan Knutson (Ed) Project Management for the Business Professional - A Comprehensive Guide, John Wiley, New York, 2001.
36. Dov Dvir, Arik Sadeh, and Aaron Shenhar, "The Role of Contract Type in the Success of R&D Defense Projects Under Increasing Uncertainty," Project Management Journal, 31, 3, pp. 14-22, 2000.
37. Scott Fricke, and Aaron Shenhar, "Managing Multiple Projects in a Manufacturing Environment", IEEE Transactions on Engineering Management, 47, 2, pp. 258-268, 2000.
38. Aaron Shenhar, Michael Poli, and Thomas Lechler, "A New Framework for Strategic Project Management", in T. Khalil (Ed) Management of Technology VIII, University of Miami, 2000.
39. Aaron Shenhar, "Strategic Project Management: The New Framework", in D. F. Kocaoglu and T. R. Anderson (Editors) Technology and Innovation Management, Portland State University, Portland: OR, 1999.
40. Aaron Shenhar, "Systems Engineering Management: The Multidisciplinary Discipline", in A. Sage (Ed) Handbook of Systems Engineering and Management, John Wiley, pp. 113-144, 1999.
41. Dov Dvir, Stan Lipovetsky, Aaron Shenhar, and A. Tishler, "In Search of Project Classification: A Non-Universal Approach to Project Success Factors", Research Policy, 27, pp. 915-935, 1998.
42. Aaron Shenhar, Zadok Hougui, Dov Dvir, Asher Tishler, and Yair Sharan, "Understanding the Defense Conversion Dilemma", Technological Forecasting and Social Change, 59, pp. 275-289, 1998.
43. Aaron Shenhar, "From Theory to Practice: Toward A Typology of Project Management Styles", IEEE Transactions on Engineering Management, 41, 1, pp. 33-48, 1998.
44. Stan Lipovetsky, Asher Tishler, Dov Dvir, and Aaron Shenhar, "The Relative Importance of Project Success Dimensions", R&D Management, 27, 1, pp. 97-106, 1997.
45. Aaron Shenhar, Dov Dvir, and Ofer Levy, "Mapping the Dimensions of Project Success", Project Management Journal. 28, 2, pp. 5-13, June 1997.

46. Aaron Shenhar and Zeev Bonen, "A New Taxonomy of Systems: Toward an Adaptive Systems Engineering Framework", IEEE Transactions on Systems, Man, and Cybernetics, 27, 2, pp. 137-145, March 1997.
47. Aaron Shenhar and Dov Dvir, "Toward a Typological Theory of Project Management", Research Policy, 25, pp. 607-632, 1996.
48. Asher Tishler, Dov Dvir, Aaron Shenhar, and Stan Lipovetsky, "Identifying Critical Success Factors in Defense Development Projects: A Multivariate Analysis", Technological Forecasting and Social Change, 51, 2, pp. 151-171, 1996.
49. Alex Laufer, Gordon Denker, and Aaron Shenhar, "Simultaneous Management: The Key to Excellence in Capital Projects", The International Journal of Project Management, 14, 1, pp. 189-199, 1996.
50. Aaron Shenhar, and James Renier, "How to Define Management? - A Modular Approach," Management Development Review, 9, 1, pp. 25-31, 1996.
51. Aaron Shenhar and Dvir Dvir, "Long and Short Term Success Dimensions in Technology-Based Organizations", in G. H. Gaynor (Ed) Handbook of Technology Management, McGraw Hill, pp. 32.1-32.15, 1996.
52. Aaron Shenhar and Paul Adler, "The Technological Base of the Company", in G. H. Gaynor (Ed) Handbook of Technology Management, McGraw Hill, pp. 4.1-4.17, 1996.
53. Aaron Shenhar and Alex Laufer, "Integrating Product and Project Management - A New Synergistic Approach," Engineering Management Journal, 7, 3, pp. 11-15, 1995.
54. Aaron Shenhar, Dov Dvir, and Yechiel Shulman, "A Two Dimensional Taxonomy of Products and Innovations," Journal of Engineering and Technology Management, 12, pp. 175-200, 1995.
55. Aaron Shenhar and Hans Thamhain, "A New Mixture of Management Skills - Meeting the High-Technology Managerial Challenges," Human Systems Management, 13, 1, pp. 27-39, 1994.
56. Aviad Shapira, Alex Laufer, and Aaron Shenhar, "Anatomy of Decision Making in Project Teams," The International Journal of Project Management, 12, 3, pp. 172-182, 1994.
57. Aaron Shenhar "Systems Engineering Management: A Framework for the Development of a Multidisciplinary Discipline," IEEE Transactions on Systems, Man, and Cybernetics, 24, 2, pp. 327-332, 1994.
58. Alex Laufer, Richard Tucker, Aviad Shapira, and Aaron Shenhar, "The Multiplicity Concept in Project Planning", Construction Management and Economics, 11, pp. 53-65, 1994.
59. Aaron Shenhar, "On the Kolmogorov Complexity of Arbitrary Objects," Journal of Complexity. 9, December, 1993.

60. Aaron Shenhar, "Market Uncertainties, Information Search and Partition Spaces," Systems Science, 19, 1, pp. 71-77, 1993.
61. Aaron Shenhar, "The PROMIS Project: Industry and University Learning Together," International Journal of Technology Management, 8, 5, pp. 611-621, 1993.
62. Aaron Shenhar "From Low- to High-Tech Project Management," R&D Management, 23, 3, pp. 199-214, 1993.
63. Dov Dvir, Eli Segev, and Aaron Shenhar, "Technology's Varying Impact on the Success of Strategic Business Units Within the Miles and Snow Typology," Strategic Management Journal. 14, pp. 155-162, 1993.
64. Aaron Shenhar, "Keeping Management's Door Open: How to Establish an Open-Door Policy that Works", Leadership and Organization Development Journal, 14, 2, pp. 8-12, 1993.
65. Aaron Shenhar, "Developing the Discipline of Systems Engineering", The Journal of Applied Manufacturing Systems, 5, 1, pp. 25-30, 1992.
66. Dov Dvir and Aaron Shenhar, "Measuring the Success of Technology-Based Strategic Business Units," Engineering Management Journal, 4, 4, pp. 33-38, 1992.
67. Aaron Shenhar, "Project Management Style and the Space Shuttle Program: A Retrospective Look," Project Management Journal, 23, 1, pp. 32-37, 1992.
68. Dov Dvir and Aaron Shenhar, "Technological Progress and the Success of Strategic Business Units in High-Tech Industries", in T. M. Khalil and B. A. Bayarktar (Eds) Management of Technology III, Institute of Industrial Engineers, pp. 263-270, 1992.
69. Aaron Shenhar, "Project Management Style and Technological Uncertainty: From Low-to High-Tech," Project Management Journal, 22, 4, pp. 11-14, 47, 1991.
70. Aaron Shenhar, "Real World Computers and Recursive Function Theory," Computers and Electrical Engineering, 17, 1, pp. 39-47, 1991.
71. Aaron Shenhar, "On System Properties and Systemhood", International Journal of General Systems, 18, 2, pp. 167-174, 1991.
72. Dov Dvir and Aaron Shenhar, "Success Factors of High-Tech SBUs: Towards a Conceptual Model Based on the Israeli Electronics and Computers Industry," Journal of Product Innovation Management, 7, 4, pp. 288-296, 1990.
73. Aaron Shenhar and Paul Adler, "Adapting Your Technological Base: The Organizational Challenge," Sloan Management Review, pp. 25-37, Fall 1990.
74. Aaron Shenhar, "Improving Upward Communication Through Open-Door Policies", Human Systems Management, 9, 2, pp. 77-88, 1990.

75. Aaron Shenhar, "What is a Manager: A New Look", European Management Journal, 8, 2, pp. 198-202, June 1990.
76. Aaron Shenhar and Thomas Cover, "Compound Bayes Predictors for Sequences with Apparent Markov Structure," IEEE Transactions on Systems, Man, and Cybernetics, 7, 6, pp. 421-424, 1977.

Research Articles in Hebrew

77. Aaron Shenhar, Dov Dvir, Oscar Hauptman, Zadok Hougui, Asher Tishler, Moyi Sokolov, and Yair Sharan, "The Commercialization of Military Technology in Israel," The Economic Quarterly, 2, pp. 358-370, 1998, (in Hebrew).
78. Aaron Shenhar, "Trends and Changes in the Culture of Industrial Relations in Israel," in A. Shenhar and A. Yarkoni (Eds) The Culture of Management in Israel, Tcherikover, pp. 321-338, 1994, (in Hebrew).
79. Aaron Shenhar, "Israeli Management Culture and Style - Selected Topics," in A. Shenhar and A. Yarkoni (Eds) The Culture of Management in Israel, Tcherikover, pp. IV-XIII, 27-35, 1994, (in English and Hebrew).
80. Aaron Shenhar and Avi Grosfeld Nir, "Organizations in Crisis - Symptoms, Lessons and Turnaround Programs," The Economic Quarterly, 44, 153, pp. 320-334, 1992, (in Hebrew).
81. Avir Grosfeld Nir and Aaron Shenhar, "Fast Deterioration, Slow Recovery - Organizations in Crisis," Nihul - Israel's Management Magazine, 82, pp. 6-10, November 1991, (in Hebrew).
82. Aaron Shenhar and Paul Adler, "Adapting Your Technological Base: The Organizational Challenge," reprinted in Electronics and Computers - The Advanced Technology Journal of Israel, 5, 6, 1991, (in Hebrew).
83. Aaron Shenhar, "Management Culture and Style in Israel and Economic Success," The Economic Quarterly, 41, 146, pp. 294-305, 1990 (in Hebrew).
84. Aaron Shenhar, "On the Israeli Economy and Collective Morality," The Economic Quarterly, 41, 144, pp. 34-50, 1990 (in Hebrew).
85. Aaron Shenhar "Managing Knowledge Workers: The Conceptual Framework," Human Resources, 23, pp. 4-7, November 1989 (in Hebrew).
86. Aaron Shenhar "Managing Technology Development," book review, U.E. Gattiker & L. Larwood, De Gruyer, New York, 1988; The Economic Quarterly, 40, 142, pp. 299-301, October 1989, (in Hebrew).

Work in Progress

1. Aaron Shenhar, "Toward a New Theory of Technology and its Management." In preparation.

2. Aaron Shenhar and Peerasit Patanakul, "Project Strategy: The Missing Link." In preparation to Management Science.
3. Joca Stefanovic and Aaron Shenhar, "A New Strategic Project Management Maturity Model." In preparation.
4. Joca Stefanovic and Aaron Shenhar, "Does Strategic Focus Contribute to Project Success?" In preparation.
5. Yao Zhao, Aaron Shenhar, Vered Holtzman, "Boeing 787: The Unfulfilled Dream of the Dreamliner."

Refereed Articles in Conference and Symposia Proceedings

1. Dov Dvir and Aaron Shenhar, "Integrating Innovation and Project Management." PICMET, Portland International Conference on Management of Engineering and Technology, Vancouver, BC, July 2012.
2. Arik Sadeh, Dov Dvir, and Aaron Shenhar, "Defense vs. Civilian Projects: The Effect of Project Type on Performance." PICMET, Portland International Conference on Management of Engineering and Technology, July 2010.
3. Aaron Shenhar and Dov Dvir, "Beyond Risk Management - Assessing and Managing Program Challenges." PICMET, Portland International Conference on Management of Engineering and Technology, July 2009.
4. Dov Dvir, and Aaron Shenhar, "Key Entrepreneurial Traits and their Relationship to Project Uncertainty and Project Success. PICMET, Portland International Conference on Management of Engineering and Technology, July 2009.
5. Dov Dvir, Aaron Shenhar, "Project Management Research Agenda," Project Management Institute Research Conference, Warsaw, Poland, July 2008 (invited paper).
6. Zvi Aronson, and Aaron Shenhar, "Placing Project Partakers' Emotions, Attitudes, and Norms in the Context of Project Vision," PICMET, Portland International Conference on Management of Engineering and Technology, July 2008.
7. Aaron J. Shenhar and Dov Dvir, "The Myth and Reality of Project Management." PICMET, Portland International Conference on Management of Engineering and Technology, July 2008.
8. Zvi Aronson, Aaron Shenhar, and Richard Reilly, "Project spirit expression-components, building-blocks and impact on success: Managing spirit." Academy of Management Annual Meeting, Philadelphia, PA, August 2007.
9. Aaron J. Shenhar, Dov Dvir, "The Lost Link: Why Successful Innovation Needs Sound Project Management." PICMET, Portland International Conference on Management of Engineering and Technology, August 2007.

10. Aaron J. Shenhar, "Why Well-Managed Projects Still Fail." PICMET, Portland International Conference on Management of Engineering and Technology, August 2007.
11. Michael Poli, Aaron Shenhar, "Strategic Focus: Why we do Projects." PICMET, Portland International Conference on Management of Engineering and Technology, August 2007.
12. Peerasit Patanakul, Aaron Shenhar, "Program Value: What can we learn from Major Defense Programs." PICMET, Portland International Conference on Management of Engineering and Technology, August 2007.
13. Aaron Shenhar, "The Myth and Reality of Project Management." IAMOT, International Association of Technology Management, Miami Beach, April 2007
14. Aaron J. Shenhar, Joca Stefanovic, "Operational Excellence Won't Do it." Project Management Institute Research Conference, Montreal, Canada, July 2006.
15. Aaron J. Shenhar, Joca Stefanovic, Dov Dvir, "Toward a New Project Management Maturity Model." PICMET, Portland International Conference on Management of Engineering and Technology, Istanbul, Turkey, July 2006.
16. Aaron J. Shenhar, Dov Dvir, William Guth, Thomas Lechler, Peerasit Panatakul, Michael Poli, Joca Stefanovic, "What is Project Strategy" Academy of Management Annual Meeting Honolulu, Hawaii, August, 2005.
17. Dov Dvir, Aaron Shenhar. "What Makes Strategic Projects into 'Great' Projects." PICMET, Portland International Conference on Management of Engineering and Technology, Portland, OR, July 2005.
18. Joca Stefanovic, Aaron Shenhar. "How Strategic Are Your Projects?" PICMET, Portland International Conference on Management of Engineering and Technology, Portland, OR, July 2005.
19. Aaron Shenhar, P. Panatakul, A. Maltz. "Toward a Framework for Building a Value-Focused Project Management Approach." PICMET, Portland International Conference on Management of Engineering and Technology, Portland, OR, July 2005.
20. M. Poli, A. Shenhar, R. Reilly. "A Project Strategy: Matching Customers to the Right Project." PICMET, Portland International Conference on Management of Engineering and Technology, Portland, OR, July 2005.
21. B. Sauser, A. Shenhar. E. Hoffman. "Identifying Differences in Space Programs." PICMET, Portland International Conference on Management of Engineering and Technology, Portland, OR, July 2005.
22. Aaron Shenhar, R van Wyk, J. Stefanovic, G. Gaynor. "Toward a Fundamental Entity of Technology. "PICMET, Portland International Conference on Management of Engineering and Technology, Portland, OR, July 2005.
23. "Project Strategy Typologies." Peerasit Patanakul, Aaron J. Shenhar, Dragan Z. Milosevic, William Guth. IAMOT Conference, Vienna, Austria May, 2005.

24. "Good to Great in Project Management." D. Dvir and A. Shenhar. IAMOT Conference, Vienna, Austria May, 2005.
25. "Project Management Research – Past history and Future Directions," (with D. Dvir), PMI Research Conference, London, July 2004
26. "Technofact: Toward a Fundamental Entity of Technology," (with R. van Wyk, G. Gaynor, and J. Stefanovic) IAMOT Conference, Washington, DC, April, 2004.
27. "Strategic Project Leadership; Focusing Projects on Business," PICMET, Portland, OR, July 2003.
28. "The Power of Effectiveness," (with T. Phelan and R. Reilly), PICMET, Portland, OR, July 2003.
29. "Project Strategy - The Way to Competitive Advantage," (with M. Poli), PICMET, Portland, OR, July 2003.
30. "A Strategic Approach to R&D Management," R&D Management Conference, Manchester, UK, July 2003.
31. "Strategic Project Leadership," PMI World Congress, Hague, May 2003.
32. "A Strategic Approach to Project Management," Advanced Business Research Conference, Acapulco, Mexico, March 2003.
33. "Strategic Project Leadership: Focusing Your Projects on Business Success," 33rd PMI Annual Congress, October 2002, San Antonio, TX.
34. "One Size Does Not Fit All: True for Projects, True for Frameworks," (with D. Dvir, T. Lechler, M. Poli), First PMI Research Conference, July 2002, Seattle, Washington.
35. "Strategic Project Leadership," IAMOT Conference, Miami, March, 2002.
36. "Project Spirit," (with Z. Ahronson and T. Lechler), PICMET, July 2001, Portland, Oregon.
37. "Leading Projects as Strategic Competitive Weapons," 31st Annual Symposium of PMI, Project Management Institute, Houston, TX, September 2000.
38. "Project Strategy – The Missing Link", Third European Conference of the Project Management Institute, PMI Conference, Jerusalem, Israel, June, 2000.
39. "A New Framework for Strategic Project Management," (with M. Poli, and T. Lechler), IAMOT Conference, Miami, Florida, February 2000.
40. "Strategic Project Management: The New Framework," PICMET, Portland, Oregon, July 1999.

41. "The Joint Product-Project Classification: When is Radical Innovation Really Radical?" (With G Lynn, D. Dvir, and A. Tishler), Sixth Int. Conf. on Management of Technology, IAMOT, Florida, February 1998.
42. "A New Model for Learning Project Management," (with B. Nofzinger), 28th Annual Symposium of PMI, Project Management Institute, Chicago, IL, October 1997.
43. "Integrating Project Management and Product Development," (with A. Laufer), 28th Annual Symposium of PMI, Project Management Institute, Chicago, IL, October 1997.
44. "Project Success: A Strategic Approach," (with D. Dvir, O. Levy) Annual Meeting of the Academy of Management, Boston, MA, August 1997.
45. "In Search of a Project Management Theory," Annual Meeting of the Academy of Management, Boston, MA, August 1997.
46. "Commercialization of Military Technologies in Israel," (with D. Dvir, A. Tishler, Y. Sharan, M. Sokolov), Portland International Conference on Management of Engineering and Technology, PICMET 97, Portland, OR, July 1997.
47. "Toward a Fundamental Differentiation Between Projects," (with M. Wideman), Portland International Conference on Management of Engineering and Technology, PICMET 97, Portland, OR, July 1997.
48. "Project Success: A Multidimensional Strategic Concept," (with D. Dvir), Portland International Conference on Management of Engineering and Technology, PICMET 97, Portland, OR, July 1997.
49. "Project Management Theory: Emerging New Frameworks," R&D Management Conference, Manchester, UK, July 1997.
50. "The New Product-Project Classification: Implications for Innovation and Cross-Functional Management," (with G. Lynn and D. Dvir), Sixth International Conference on Management of Technology, IAMOT 97, Goteburg, Sweden, June 1997.
51. "Management of Technology: Definitions, Boundaries, Taxonomies and Scope", (with G. Gaynor), 30th Annual International Conference on System Sciences, Hawaii, January 1997.
52. "Project Management Theory: the Road to Better Practice," 27th Annual Symposium of PMI, Project Management Institute, Boston, MA, October 1996.
53. "Management of Technology: Definitions, and Scope," (with G. Gaynor), Annual Meeting of the Academy of Management, Cincinnati, OH, August 1996.
54. "AHP in Evaluation of the Relative Importance of Success Dimensions in Defense Development Projects," (with S. Lipovetsky, A. Tishler and D. Dvir), The Fourth International Symposium on the Analytic Hierarchy Process, Vancouver, Canada, July 1996.

55. "Adapting Your Product Development Style: The Key to Success," (with Y. Shulman), Third International Product Development Conference, European Institute for Advanced Studies in Management and Insead, Fontainebleau, France, April 1996.
56. "Managing Risk and Uncertainty in Product Development Projects," 5th Int. Conf. on Management of Technology, IAMOT, Florida, February-March, 1996.
57. "A Project is not a Project is not a Project," 26th Annual Symposium of PMI, Project Management Institute, New Orleans, LA, October 1995.
58. "Contingent Project Management: A Classical Concept in a New Arena," Annual Academy of Management Meeting, Vancouver, BC, August 1995.
59. "Integrating Product and Project Management," MOTCON '95, The National Conference on Management of Technology, South Africa, May 1995.
60. "Managing Technology Projects: A Contingent Exploratory Approach," (with D. Dvir), 28th Annual International Conference on System Sciences, Hawaii, January 1995.
61. "Not all R&D Projects are the same," (with Y. Shulman), IEEE International Engineering Management Conference, Dayton, Ohio, October 1994.
62. "Critical Success Factors of Defense Projects," (with D. Dvir). IEEE International Engineering Management Conference, Dayton, Ohio, October 1994.
63. "A New Systems Engineering Taxonomy," The 4th Annual International Symposium of The National Council on Systems Engineering, San Jose, CA, August 1994.
64. "The Three Dimensional Integrative Framework for Dynamic Modern Project Management," (with Alexander Laufer), INTERNET, the 12th World Congress on Project Management, OSLO, June 1994.
65. "Mapping the Dimensions of Project Success," (with D. Dvir and O. Levy), 4th Int. Conf. on Management of Technology, Florida, February-March, 1994.
66. "A Conceptual Framework for Modern Project Management," 4th Int. Conf. on Management of Technology, Florida, February-March, 1994.
67. "A Two Dimensional Taxonomy of Products and Innovations," (with D. Dvir and Y. Shulman), 17th Annual International Conference of PDMA - Product Development & Management Association, San Diego, CA, October 1993.
68. "Adaptive Systems Engineering: A Conceptual Model," (with Z. Bonen), Third Annual Conference of NCOSE - the National Council on Systems Engineering, Arlington, Virginia, July 1993.
69. "Success Factors of Strategic Business Units in the Electronics and Computer Industry," (with D. Dvir), International Engineering Management Conference 92, Etontown NJ, October 1992.

70. "A Two Dimensional Construct Model for the Classification of Technical Projects," International Engineering Management Conference 92, Etontown NJ, October 1992.
71. "Towards the Improvement of R&D Management Techniques in a Large Organization," The Second International Conference on Strategic R&D Management 92, Yokohama, Japan, June 1992.
72. "Graduate Programs in Management of Technology-Practitioner's Report," The Third International Conference on Management of Technology, Miami, Florida, February 1992.
73. "Technological Progress and the Success of Strategic Business Units in High-Tech Industries," (with D. Dvir), The Third International Conference on Management of Technology, Miami, Florida, February 1992.
74. "Managing Uncertainty and Complexity in Technical Projects," The Third International Conference on Management of Technology, Miami, Florida, February 1992.
75. "Management of Technology: A Morphological Taxonomy," Proc. of the Portland International Conference on the Management of Engineering and Technology, PICMET, Portland, OR, October 1991.
76. "Developing the Discipline of Systems Engineering," Proc. of the 12th Annual Meeting of the American Society of Engineering Management and, the First meeting of the National Council on Systems Engineering, Chattanooga, TN, October 1991.
77. "Success Factors of High-Tech SBUs: Initial Findings Based on the Israeli Electronics and Computers Industry," (with D. Dvir), Proc. of the IEEE 1990 International Engineering Management Conference, Santa Clara, California, October 1990.
78. "From Low- to High-Tech Project Management," Proc. of the Second International Conference on Strategic Leadership in High Technology Organizations, Boulder, Colorado, January 1990.
79. "Market Uncertainties and Information Search - A Stopping Rule," Proc. of the Eighth International Conference on Cybernetics and Society, ICCS-78m Tokyo, Japan, November 1978.
80. "Descriptive Complexity on Topological Spaces," (with T. M. Cover), IEEE International Symposium on Information Theory, Ronneby, Sweden, June 1976.
81. "Kolmogorov Complexity and Information Theory on Topological Spaces," IEEE Graduate Student Conference, Reno, Nevada, May 1975.

Classified Reports

Published 46 Classified Scientific and Research Reports (all related to defense systems). At Rafael, Armament Development Authority, The Scientific Department, Ministry of Defense, Israel. (1976-1987).

Other Reports

“The Culture of Management in Israel”, Task Force Report, Industrial Forum for Economic Growth, Israel, 1992.

Conference Published Abstracts

1. “The Myth and Reality of Project Management,” SME, 5th International Conference on Small and Medium Sized Enterprises, Athens, Greece, August 2008.
2. “The Emergence of Adaptive Project Management,” GLOGIFT08, Global Conference on Flexible Systems Management, Hoboken, NJ, June 2008.
3. “The New Project Management Maturity Model.” POMS Conference, Boston, MA, May 2006.
4. “Leading Projects as Strategic Weapons,” IAMOT Conference, Lauzanne, Switzerland, March, 2001.
5. “Project Strategy – The Missing Link”, Third European Conference of the Project Management Institute, PMI Conference, Jerusalem, Israel, June, 2000.
6. “Strategic Project Leadership: How to Make Projects Your Next Competitive Weapon”, Project Management Institute, PMI Conference, Tel-Aviv, Israel, June, 1999.
7. “Competitive Project Management: The New Research Agenda”, INFORMS, Seattle, Washington, October 1998.
8. “Project Management: The Next Competitive Weapon”, (with A. Tishler and D. Dvir), INFORMS, Tel Aviv, Israel, June 1998.
9. “The Joint Product-Project Classification: When is Radical Innovation Really Radical”, (with A. Tishler, G. Lynn,, and D. Dvir), Seventh International Conference on Management of Technology, Orlando, FL, February, 1998.
10. “The Relative Importance of Success Dimensions”, (with D. Dvir), INFORMS, Washington D. C., May 1996.
11. “Project Management from Genesis to Style”, (with M. Wideman), INFORMS, Washington, D. C. May 1996.
12. “Systems Engineering Management: A New Framework for Multidisciplinary Engineering Education”, Fourth World Conference on Engineering Education, St. Paul, MN, October 1995.
13. “Project Management Theory: Emerging New Frameworks”, (with A. Laufer), TIMS/ORSA Joint National Meeting, Detroit, Michigan, October 1994.
14. “Not all R&D Projects are the same,” (with Y. Shulman), IEEE International Engineering Management Conference, Dayton, Ohio, October 1994.

15. "Critical Success Factors of Defense Projects", (with D. Dvir), IEEE International Engineering Management Conference, Dayton, Ohio, October 1994.
16. "Collective Morality - Theory, Practice and Lessons", 14th Scientific Conference of the Israel Institute of Industrial and Labor Relations, Tel-Aviv, February 1984 (in Hebrew).
17. "The Personnel Unit as a Service Organization", Technion Annual Conference on Selected Problems in Personnel Management and Industrial Relations, October 1981. (in Hebrew).
18. "Human Resources Development of High-tech R&D Organizations", Technion Conference Seminar on Selected Problems in Personnel Management and Industrial Relations, July 1979 (in Hebrew).

Keynote Presentations and Invited Talks

1. Keynote Presentation: "From Project Management to Strategic Project Leadership," Concept Symposium, Oslo, Norway, September 2014.
2. Keynote Presentation: "Achieving Business Results with Strategic Project Leadership," Project Management Summit, Zurich, Switzerland, November 2013.
3. Keynote Presentation: "The Golden Opportunity: Next Generation Project Management," International Symposium on Project Management, Uninova University, Sao Paulo, Brazil, October 2013.
4. Keynote Presentation: "The Golden Opportunity: Strategic Project Execution." NTNU Executive Project Forum in Trondheim, Norway, October 2013
5. Keynote Presentation: "Next Generation Project Management: Leading Strategic Innovation and Having Fun," Project Zone Conference Frankfurt, Germany, March 2013.
6. Keynote Presentation: "The Value Creation Economy," PICMET Conference Vancouver, BC, July 2012. .
7. Keynote Presentation: Reviving the Economy with Management of Technology," IAMOT Conference Miami Beach, FL, April 2011.
8. Keynote Presentation: "The New Reality of Project Management," PMOZ, Australian National Conference of Project Management, PMI Australia, Brisbane, Australia, August 2010.
9. Invited Talk: "Achieving Business Results in an Uncertain and Changing World," Microsoft Conference, Phoenix, AZ, September 2009.

10. Invited Talk: Aaron J. Shenhar and Dov Dvir, "The Myth and Reality of Project Management." Academy of Management Annual Meeting, Anaheim, CA, August 2008.
11. Keynote Presentation: "Balancing Risk and Opportunity in Aerospace Programs," Aviation Week Annual Conference of the Aerospace Industry, Phoenix, AZ, October 2007.
12. Keynote Presentation: "Toward a New Model of Excellence in the Aerospace Industry," Aviation Week Annual Conference of the Aerospace Industry, Phoenix, AZ, November 2005.
13. Invited Talk: The Theory and Practice of Project Management: Past History, Present Research, and Future Directions," Academy of Management Annual Meeting, PDW on Project Management, New Orleans, LA, August 2004.
14. Keynote Presentation: "Project Management Research: Past History and Future Directions," PMI Research Conference, London, July 2004
15. Keynote Presentation: "Strategic Project Leadership; Focusing Projects on Business," PICMET, Portland, OR, July 2003.
16. Keynote Presentation: "A Strategic Approach to R&D Management," R&D Management Conference, Manchester, UK, July 2003.
17. Keynote Presentation: "Strategic Project Leadership," PMI World Congress, Hague, May 2003.
18. Keynote Presentation: "A New Framework for Technology Management Education," IAMOT Conference, Lausanne, Switzerland, March 2001.
19. Keynote Presentation: "Lessons of my Engineering and Technology Career," IEEE Engineering Management Society Conference, Albuquerque, NM, August 2000.
20. Invited Seminar: "Adapting Your Project Management Style: The Key to Project Success," PICMET, Portland, Oregon, July 1999.
21. Keynote Presentation: "Managing the Dynamics of Innovation," 3M Grass Roots Innovation Team, April 1998.
22. Invited Seminar: "Adapting Your Project Management Style: The Key to Project Success," Annual Symposium of the Project Management Institute, Chicago, IL, October, 1997, and Long Beach, CA, October, 1998.
23. Keynote Presentation: "Managing the Dynamics of Innovation", Virtual University, Loral, Defense Systems Division - Eagan, MN February 1996.
24. Keynote Presentation: "The New System Engineering Framework", the Virtual University, Loral, Defense Systems Division - Eagan, MN February 1995.

25. Keynote Presentation: "Integrating Product and Project Management", MOTCON, The National Conference on Management of Technology, South Africa, May 1995.
26. Keynote Presentation: "The Systems Engineering Taxonomy," North Star Chapter of the International Symposium of The National Council on Systems Engineering, Minneapolis, MN, January 1995.
27. Keynote Presentation: "A New Systems Engineering Taxonomy," The 4th Annual International Symposium of The National Council on Systems Engineering, San Jose, CA, August 1994.

Theses

"Analysis of Noise-Driven Oscillators." M.Sc. Thesis, Technion - Israel Institute of Technology, Faculty of Electrical Engineering (Thesis Supervisor - M. Zakai),(in Hebrew).

"A Theory of Intrinsic Information and Computation on Topological Spaces." Ph.D. Thesis, Stanford University, Electrical Engineering Department (Thesis Supervisor - T. M. Cover).