

## LECTURES

### INVITED LECTURES

1. Technion - Israel Institute of Technology, “*Real Time Control of Shake Tables for Nonlinear Hysteretic Systems*”, Seminar Series, Faculty of Civil Engineering, May 21, 2017, (Invited Speaker)
2. UB/EERI - Seminar Lecture, “*Passive Control of Structures using Apparent Weakening and Damping for Seismic Protection*”, Friday, March 9, 2017, (Invited Speaker)
3. University of Florence, Department of Architectural and Structural Engineering, “*Introduction to disaster management of communities using resilience based design*”, Florence, Italy, “*Control of Seismic Response of Structures using Protective Devices*”, Engineering Seminar and Workshop, April 1, 2016 (Invited Speaker)
4. Technion - Israel Institute of Technology, “*Adaptive Passive Stiffness Shaping using NSD and Apparent Weakening for Seismic Protection*”, Seminar Series, Faculty of Civil Engineering, March 20, 2016, (Invited Speaker)
5. Association of Engineers and Architects-Catania Province, Italy and the Department of Engineering and Architecture of University of Catania, Italy, “*Adaptive Passive Stiffness Shaping and Apparent Weakening for Seismic Protection*”, Engineering Seminar, May 30, 2014 (Invited Speaker)
6. Association of Engineers and Architects-Catania Province, Italy and the Department of Engineering and Architecture of University of Catania, Italy, “*Control of Seismic Response of Structures Using Protective Devices*”, Engineering Seminar, May 23, 2014 (Invited Speaker)
7. EERI / NEES Webinar, “*Adaptive Passive Stiffness Shaping using NSD and Apparent Weakening for Seismic Protection*”, March 17, 2014 (Invited Group Speakers)
8. FIB Symposium of International Federation of Concrete, “*Seismic Analyses of Damageable Concrete Structures*”, Tel-Aviv, Israel, April 22-24, 2013, (Plenary Keynote Invited Speaker)
9. UB/EERI/T.T.Soong Distinguished Seminar Lecture, “*Control of Inelastic Structures by Weakening and Damping*”, Friday, April 5, 2013, (Invited Speaker)
10. The Metropolitan Autonomous University of Mexico City, Department of Civil and Environmental Engineering, “*Control of Inelastic Structures by Weakening and Damping*”, Seminar Lecture, February 22, 2013, (Invited Speaker)
11. The Mexican Society of Structural Engineering, Inc. and the Engineering Institute at National Autonomous University of Mexico, “*Control of Inelastic Structures by Weakening and Damping*”, Engineering Seminar, February 21, 2013, (Invited Speaker)
12. Rice University, “*Control of Inelastic Structures by Weakening and Damping*”, Seminar Lecture, Department of Civil and Environmental Engineering, November 2, 2012, (Invited Speaker)
13. University of Houston, “*Control of Inelastic Structures by Weakening and Damping*”, Distinguished Lecture Series, Department of Civil and Environmental Engineering, November 2, 2012, (Invited Speaker)
14. ASCE/SEI Invited Plenary Lecture “*Control of Inelastic Structures by Weakening and Damping*”, Keynote Lecture at the 20th Analysis and Computation Specialty Track, March 27, 2012, (Invited Speaker)
15. Technion - Israel Institute of Technology, “*Weakening and Damping for Control of Seismic Response of Structures*”, Seminar Series, Faculty of Civil Engineering, January 5, 2011, (Invited Speaker)
16. University of Notre Dame, Seminar Series, Department of Civil and Geological Engineering, “*Integral Design of Controlled Resilient Structures*”, September 15, 2010, (Invited Speaker)
17. Public Safety Canada, Ottawa, Ontario, “*Conceptual Aspects of Disaster Resilience - A Framework for Defining and Measuring Disaster Resilience at the Community Scale*”, June 22, 2010, (Invited Speaker)
18. National Institute of Standards and Technology (NIST) – “*Quantification of Seismic Resilience – Extending to Multiple Hazards*”, Washington, April 12, 2009, (Invited Speaker)
19. UB/SUNY/Structural Engineering lecture series Fall Semester 2008 “*Optimal Design of Controlled Structures*”, Monday, October 20, 2008, (Invited Speaker)
20. United States Japan Panel on Wind and Seismic Effects – 40-th Joint Meeting (UJNR), “*Developing Resilient high-Rise Buildings Using Optimally Controlled Structural Systems*”, Washington, May 19-21, 2008, (Invited Speaker)
21. Technion - Israel Institute of Technology, “*Corotational formulation for analysis of frame structures with material and geometric nonlinearities*”, Seminar Series, Faculty of Civil Engineering, November 25, 2007, (Invited Speaker)
22. Technion - Israel Institute of Technology, “*Hybrid Simulation of Structural Systems, - A Unified Approach to Combined Physical and Computational Simulations*”, Seminar Series, Faculty of Civil Engineering, November 11, 2007, (Invited Speaker)

23. Rice University, “*Hybrid Simulation of Structural Systems, - A Unified Approach to Combined Physical and Computational Simulations*”, Seminar Series, Department of Civil Engineering, October 29, 2007, (Invited Speaker)
24. Texas A&M University, “*Hybrid Simulation of Structural Systems, - A Unified Approach to Combined Physical and Computational Simulations*”, Seminar Series, Department of Civil Engineering, October 26, 2007, (Invited Speaker)
25. 12<sup>th</sup> US-Japan Workshop / ATC-15-11 Seminar, “*Earthquake Simulator Testing and Evaluation of Suspended Ceiling System*”, Kauai, HI, October 12, 2007, (\*Invited Lecture and Paper),
26. Kajima Corp, Tokyo-Japan, “*Analytical Issues In Progressive Collapse of Structures: Applications in Structural and Earthquake Engineering*, , October 2, 2007, (Invited Speaker)
27. The National Academies – Washington, DC- 20<sup>th</sup> Disaster Roundtable: Science, Technology and Decision Support Tools, “*Moving Toward Multi-hazard Research at MCEER*”, June 28, 2007, (Invited Speaker)
28. ECCOMAS (2007) Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, , Rethymno, Crete, “*Mixed Lagrangian Formulation in Analysis of Collapse of Structures*”, June 15, 2007, (Keynote lecture)
29. Technion - Israel Institute of Technology, “[Hamiltonian-Lagrangian Approach to Collapse Analysis of Structures](#)”, Seminar Series, Faculty of Civil Engineering, December 25, 2005, (Invited Speaker)
30. Kajima Corp, Tokyo-Japan, “[Analytical Issues In Progressive Collapse of Structures: Applications in Structural and Earthquake Engineering](#)”, September 7, 2005
31. Technion - Israel Institute of Technology, “[Seismic Resilience: A comprehensive engineering-economical-societal and political approach](#)” Seminar Series, Faculty of Civil Engineering, (Invited Speaker), April 28, 2005
32. MCEER Seminar at the California Office of State Health Planning and Development (OSHPD), Engineers and Researchers (50), Sacramento, February 25, 2005
33. 13<sup>th</sup> World Conference on Earthquake Engineering, Vancouver, Canada, August 2004, Bruneau, M., Reinhorn, A., Constantinou, M., Whittaker, A., Thevanayagam, S., “The UB-NEES Versatile High Performance Testing Facility”, - CD-ROM paper #1577
34. Workshop on "Performance-Based Seismic Design (PBSD) -- Concepts and Implementation", Bled Slovenia, June 28-July 1, 2004, Bruneau M. and Reinhorn, A. M. – paper - “[Seismic Resilience of Communities – Conceptualization and Operationalization](#)”
35. Workshop on "Performance-Based Seismic Design (PBSD) -- Concepts and Implementation", Bled Slovenia, June 28-July 1, 2004 - Reinhorn, A. M. Sivaselvan, M.V, Liang Z, and Shao X. –paper - “Real-time Dynamic Hybrid Testing of Structural Systems”,
36. 14<sup>th</sup> Israeli Congress of Civil Engineers / 9<sup>th</sup> Israeli Congress of Earthquake Engineering, "Seismic Retrofit Through Weakening and Damping", (Keynote Speaker), Tel-Aviv, Israel, November 17-19, 2003.
37. Buffalo Historical Society: “Technical Issues in Construction of Tall Structures – Historical Perspective”, (Invited Lecture), Buffalo, NY October 23, 2002
38. ECO Leader Workshop, “Real Time Dynamic Hybrid Testing System – New Testing Technology” (Invited Lecture), Oxford UK, Sept 2002
39. 2002 Northeastern University , “Protective Systems for Structural Vibration Control”, (Invited Lecture), May 13, 2002
40. Eighth Chilean Conference on Seismology and Earthquake Engineering - “Modern Methods of Seismic Protection - Base Isolations and More...” (Invited Key Note Lecture), April 26-28, 2002
41. NYSPE, Buffalo: “Forensic engineering at ground zero”, (Invited lecture), NY, November 2001
42. UB SEAS Dean’s Council: Bruneau, M., Reinhorn A., and Whittaker, A. “Structural Engineering Reconnaissance at Ground Zero”, Buffalo, NY, October 2001
43. American Society of Civil Engineers, Buffalo Chapter: Bruneau, M., Reinhorn, A., and Whittaker, A. “Structural Engineering Reconnaissance at Ground Zero”, (Invited Lecture), Buffalo, NY, October 2001
44. Cornell University, “Analysis and Design Toward Performance Based Engineering” (Invited Lecture), April 8, 2001
45. Army Corp of Engineers / MCEER Short Course on Structural Assessment after Earthquakes - Building Structural Damage during Earthquakes (Invited Lecture), University at Buffalo, July 26, 2001
46. Georgia Institute of Technology, “Seismic retrofit of Structures Designed for Gravity Loads Only - Conventional and Advanced Technologies “, (Invited Lecture), February, 7, 2001
47. National Science Foundation, “Teleparticipation- new approach in experimentation”, February 22, 2001, (Invited Lecture)
48. Joint Research Center of European Community, “Spectral Evaluation of Seismic Fragility of Structures”, (Invited Lecture) Ispra, Italy, Oct. 12, 1999.
49. University of Pavia, “Structural Control for Seismic Mitigation”, (Invited Lecture Series), Pavia, Italy, Oct. 6 - Oct 14, 1999.

50. Israeli Association of Engineers And Architects, "Modern Methods of Seismic Protection of Structures-Structural Control", (Invited Lectures Series), Tel-Aviv, Israel, Nov-Dec, 1999
51. Technical University of Civil Engineering Bucuresti, "Spectral Evaluation of Seismic Fragility of Structures", (Invited Lecture – in Romanian), Bucharest, Romania, July 2, 1999.
52. 12<sup>th</sup> Israeli Congress of Civil Engineers / 7<sup>th</sup> Israeli Congress of Earthquake Engineering, "Towards performance based design in new seismic standards", (Keynote Speaker), Tel-Aviv, Israel, April 28-29, 1999.
53. Technion - Israel Institute of Technology, "Fragility of structures as measure of seismic performance " Seminar Series, Faculty of Civil Engineering, (Invited Speaker), April 26, 1999
54. MCEER / Tri Centers Oversight Committee Meeting, "Graduate Earthquake Education - A New Concept" , (Invited Speaker), U/C Berkeley, July 23, 1998
55. EERI / FEMA Workshop on Performance Based Design "State of the art on analyses methods for performance evaluation and design" (Invited Paper and Speaker), San Diego, July 22, 1998
56. US-Italy Workshop on Protective Systems for Bridges, "Sensitivity of Inelastic Seismic Response of Base Isolated Bridges," (Invited Paper), New York, April 26-28, 1998.
57. ASCE/Civil Engineering Night Meeting, Buffalo, NY, (Invited Speaker) "Future Directions in Civil Engineering Education". April 16, 1998
58. EERI 1997 New York Regional Seminar on Seismic Engineering Issues, "R/C Structures in Moderate Seismic Zones- Research, (Invited Speaker), New York, November, 6, 1997
59. "Workshop On Earthquake Engineering - Evaluation, Design And Practice," (Chaired Session) Kefar HaMakabiah, Israel .March 13, 1997,
60. 4<sup>th</sup> World Congress on Joint Sealing and Bearing Systems For Concrete Structures, (Chaired Session ) on Seismic Systems 9/29-10/3 Sacramento, CA., Oct 1996
61. 12<sup>TH</sup> US-Japan Bridge Engineering Workshop, (UJNR - Panel on Wind and Seismic Effects), "Experimental Study of Ball-In-Cone Isolation System," (Invited Paper), October 1996.
62. Los Angeles Tall Buildings Structural Design Council/Practicing Engineers, "Inelastic Analysis of Structures," (Keynote Speaker), May 10, 1996.
63. ASCE/Structures Congress, Chicago, IL, "Fuzzy Sets of Control of Hybrid Systems," (with M. Riley and R. Subramaniam), April 16, 1996.
64. EERI Annual Meeting/Northridge Testing/Los Angeles, "Influence of Spatial Variation on Bridge Structures," (Invited Speaker), February 3, 1996.
65. Workshop On Seismic Retrofit of Structures, NIST, Washington "State-of-the-Art on Retrofitting Supplemental Dampers," (Invited Speaker), June 1995.
66. ACI/Bridge Research Council, Montreal, Canada, "Influence of Spatial Variation of Ground Motion on Bridge Structures," (Invited Speaker), November 9, 1995.
67. NIST/National Institute for Standards and Technology - Workshop on Seismic Retrofit, "Retrofit of Structures with Supplemental Damping," (Invited Speaker), June 2, 1995.
68. NYSPE - Buffalo Section, "Active Structural Control", Professional meeting (Invited Speaker) Dec. 6, 1995
69. Technion - Israel Institute of Technology, "Retrofit of Structures with Supplemental Damping," Seminar Series, Faculty of Civil Engineering, (Invited Speaker), March 20, 1995.
70. University of Notre Dame, "Design of Supplemental Damping in Seismic Retrofit of Structures," (Invited Speaker), November 18 1994.
71. Center for Infrastructure Research & Development/Tokyo, Japan, "Briefing on Structure Aspects of Northridge Earthquake," (Invited Speaker), March 14 , 1994.
72. ASCE/BUFFALO Section, Buffalo, N.Y., "Overview of January 17, 1994 Northridge Earthquake" (Invited Speaker), February 25, 1994.
73. NCEER/Buffalo, N.Y., "Technical Briefing on Northridge Earthquake," (Invited Speaker), February 11, 1994.
74. Cornell University, "Seismic Retrofit of Reinforced Concrete Structures - Conventional and Innovative Systems," (Invited Speaker), February 3, 1994.
75. Rensselaer Polytechnic Institute, "Active Control of Motion in Building Structures," (Invited Speaker), October 28, 1993.
76. Athens Polytechnic University, Athens, Greece, "Protective Systems in Structures from Base Isolations to Active Control," (Invited Speaker), June 17, 1993.
77. University of Naples, Naples, Italy, "Seismic Retrofit of Gravity Load Designed Structures," (Invited Speaker), June 10, 1993.
78. University of Naples, Naples, Italy, "Protective Systems in Structures from Base Isolations to Active Control," (Invited Speaker), June 4, 1993.
79. University of Rome, (LaSapienza), - Faculty of Engineering - Italy, "Vibration Protective Systems in Structures from Base Isolations to Active Control," (Invited Speaker), May 28, 1993.

80. Swiss Federal Institute of Technology (E.T.H.) - Zurich, Switzerland, "Vibration Protective Systems in Structures from Base Isolations to Active Control," (Invited Speaker), May 25, 1993.
81. Technion/Israel Institute of Technology, Haifa Israel, "Full-Scale Implementation of Active Control," (Invited Speaker), May 5, 1993.
82. McGill University, Montreal, Canada, "Full Scale Implementations of Active Structural Control," (Invited Speaker), May 1992.
83. Technion/Israel Institute of Technology, Haifa Israel, "Seminar Series (3 presentations) on Active Control of Structures toward Applications," (Invited Speaker), May 1991.
84. University of Colorado at Boulder, "Seismic Damage of Reinforced Concrete Structures - Evaluation and Design Issues", (Invited Speaker – Seminar Series), November 15, 1990.
85. ASCE/North Jersey Branch New Jersey Section, Newark, New Jersey, Fall Seminar, 1990, (Invited Speaker) "Seismic Damage and Detailing of Non-Seismically Designed Buildings".
86. National Taiwan University/MTS Corporation, "Modeling of Structures and Scale Model Studies", (Invited Speaker at Workshop/Seminar on Experimental Methods Using Shaking Tables), July 30-31, 1990, Taipei, Taiwan.
87. National Taiwan University/MTS Corporation, "Active Control of Structures", (Invited Speaker at Workshop/Seminar on Experimental Methods Using Shaking Tables), July 30-31, 1990, Taipei, Taiwan.
88. Israel Association for Earthquake Engineering/Israel Association for Civil Engineering, "Design and Retrofit of Buildings Based on Damageability Assessment", Keynote Speaker at Conference on Recent Advances in Earthquake Engineering, February 20, 1990, Ramat Gan, Israel.
89. Cornell University/Structures Seminar, Ithaca, New York, (Invited Speaker), "Seismic Damage Assessment of R/C Structures", October 3, 1989.
90. Technion/Israel Institute of Technology, Haifa Israel, "A New Deterministic Model For Seismic Damage Assessment of R/C Structures", (Invited Speaker), July 2, 1989.
91. Polytechnic University of Catalonia, Barcelona, Spain, "Motion Control of Sliding Base Isolated Structures", International Center of Numerical Methods In Engineering, (Invited Speaker), June 5, 1989.
92. Polytechnic University of Catalonia, Barcelona, Spain, "Damage Model for R/C Components and Structures. Seismic Damage Assessment of R/C Structures", International Center of Numerical Methods In Engineering, (Invited Speaker), June 7, 1989.
93. ASCE/Metropolitan Section Monthly Dinner, New York, NY, (Invited Speaker) "Applications of Current Seismic Research on Practical Design.", April 6, 1989 - canceled due to hospitalization.
94. Lehigh University Seminar Lectures, (Invited Speaker), "Active Control of Building Structures", Bethlehem, PA March, 15, 1989.
95. ASCE/Mohawk and Upper Hudson Valley - Seismic Design of Structures Seminar, (Invited Speaker). , Albany, NY, February 2, 1989
96. APWA/American Public Work Association - Annual Spring Meeting, Invited Speaker on "Earthquake Resistant Design". Buffalo May 1-4, 1988,
97. NYSPE/Buffalo Section, - Invited Speaker: "Impact of NCEER on Local and National Industries". Buffalo, NY, September 21, 1987
98. US/P.R. China-Working Group, "Construction in Seismic Areas", (Invited Speaker), "Protective systems for Earthquake Hazard Mitigation". NCEER/SUNY/Buffalo - July 29, 1987
99. US/USSR-Working Group - "Construction in Seismic Areas", (Invited Speaker) "Experimental Studies on R/C Structural Components". NCEER/SUNY/Buffalo - June 2-3, 1987
100. Technion/Civil Engineering Seminar Series, "Active Control and Protective Systems for Seismic Structures", (Invited Speaker). Haifa, Israel, January 11, 1987
101. ASCE-FEAS/Workshop on Micro-computers in Civil Engineering Practice, (Instructor/Speaker) "Microcomputers in Structural Engineering - Hands-On Instruction". Buffalo, NY Jan. 8-9, 1985
102. McMaster University Seminar Lectures, (Invited Speaker) "SUNY/Buffalo Earthquake Simulator - Capabilities and Outlook". Hamilton, Ontario, Canada, April 18, 1984
103. ASCE/Civil Engineering Night Meeting, (Speaker) "Civil Engineering Profession". Buffalo, NY, October 6, 1982
104. ASCE/Buffalo Section Monthly Dinner, (Invited Speaker) "Earthquake Engineering - Experimental Approach". Buffalo, NY, April 13, 1981
105. Technion/Structural Engineering Seminar Series, (Speaker) "Static and Dynamic Torsional Coupling of Structures with Earthquake Excitations". Haifa, Israel, April 18, 1978

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**LECTURES IN SEMINARS/CONFERENCES W/O PROCEEDINGS**

1. SUNY/Civil Engineering Seminar Series, Buffalo, NY, March 7, 1980 (Speaker) "Dynamic Torsional Coupling in Building Structures".
2. SUNY/Civil Engineering Seminar Series, Buffalo, NY, Feb. 24, 1981 (Speaker) "Experimental Methods in Earthquake Engineering".
3. SUNY/Civil Engineering Seminar Series, Buffalo, NY, September 25, 1981 (Speaker) "Alaskan Earthquake".
4. ASCE/NYSPE - Workshop on Computers in Engineering Practice, Buffalo Convention Center, Buffalo, NY, Nov. 16, 1982 (Speaker) "Use of Micro-computers in Small Civil/Structural Engineering Companies".
5. ASCE/Structures and Computers Committee Meeting, NY, Nov. 27, 1984 (Speaker and Earthquake Simulator Demonstration).
6. ASCE/Structures and Computers Committee Meeting, Buffalo, NY Feb. 26, 1985 (Speaker & Demonstration) "Structural Design Using Lotus 1-2-3 on Microcomputers".
7. SUNY/Civil Engineering Seminar, Buffalo, NY, April 1985 (Speaker) "Active Control of Building Structures".
8. ASCE/Structures and Computers Committee Meeting, Buffalo Nov. 25, 1986 (Speaker): "Active Control of Building Structures during Earthquakes".
9. ASCE/Structures and Computers Committee Meeting, Buffalo, Feb. 3, 1987, (Speaker and Instructor), "Hands-on Design of R/C and P/C Elements Using Spread Sheets".
10. Gao, Q., Park, Y.J. and Reinhorn A., "Deterioration of R.C. Columns Under Earthquake Loading", Abstracts of ASCE/Engineering Mechanics Division Specialty Conference, Buffalo, May 1987.
11. Lin, R.C., Chung, L.L., Soong, T.T. and Reinhorn, A., "Experimental Evaluation of Optimal Control Algorithms for Seismic Applications", Abstracts of ASCE/Engineering Mechanics Division Specialty Conference, Buffalo, May 1987.
12. Reinhorn, A., Park, Y.J., Wen, C., Choudhury, I.A. and Caspe, M.S., "Experimental Verification of an Earthquake Protection System", Abstracts of ASCE/Engineering Mechanics Division Specialty Conference, Buffalo, May 1987.
13. Kunnath, S.K., Park, Y.J. and Reinhorn, A., "Substructuring Technique for Shaking Table Testing", Abstracts of ASCE/Engineering Mechanics Division Specialty Conference, Buffalo, May 1987.
14. ASCE/Structures and Computers Committee Meeting, Buffalo, Nov. 5, 1987, (Speaker), "Preliminary Reconnaissance Report on Whittier Earthquake (Los Angeles) of Oct. 1, 1987".
15. SUNY/Seminar on Structural Engineering - Research series, Buffalo, NY, Feb. 19, 1988, (Speaker): "Hybrid Systems-Combined Active and Passive Control".
16. Reinhorn, A.M., Panahshahi, N., Lu, L.W. And Huang, T.T., "Seismic Response of Building Structures with Flexible Floor Diaphragms", Abstracts of ACI/Annual Convention, Orlando, FL, March, 1988.
17. Reinhorn, A.M., Park, Y.J. and Kunnath, S.K., "Damageability Assessment of Buildings Using Identified Component Properties", Abstracts of ASCE/Spring Convention, Nashville, May 1988.
18. Niagara Frontier Building Officials Association (NFBOA) "Earthquake Seismic Design in Non-Seismic Areas", Buffalo, NY, January 10, 1990.
19. Reinhorn, A.M., Panahshahi, N., Kunnath, S.K., Lu, L.W., Huang, T.T., and Yu, K., "Seismic Response of a 1:6 Scaled Model Structure With Flexible Floor Diaphragms", ACI/Fall Convention/Recent Studies of Special Concrete Structures, San Diego, November 1989.
20. Kunnath, S.K. And Reinhorn, A.M., and Panahshahi, N., "Computational Modeling of Inelastic Seismic Response of RC Buildings with Inplane Floor Flexibility". ACI Spring Convention, Boston, March 1991.
21. Reinhorn, A.M. "Damage Control in Seismic Design of Structures", ASCE/Tenth Structures Congress, San Antonio, Texas, April 1992, 930 - 934.
22. Reinhorn, A.M., Soong, T.T., Constantinou, M.C., And Riley, M. (1993), "Seismic Protective Systems - From Base Isolations to Active Control", 17th European Seminar for Young Scientists and Designers in the Field of Earthquake Engineering, Haifa Israel, September 1993.

23. Reinhorn, A.M., "Active Control Overview", Educational Session on Passive & Active Controlled Responses to Seismic Forces (Smart Buildings), ACI 1994 Spring Convention, San Francisco, CA, March 20, 1994.
24. Reinhorn, A.M., "Implication of Spatial Variation of Ground Motion on the Response of I5-I14 Interchange during the Northridge Earthquake", Special Session on Response of Bridges During Northridge Earthquake of 1994., ACI 1995 Fall Convention, Montreal, Canada, Nov. 9, 1995.
25. Reinhorn, A.M.,(2002), "[Real Time Dynamic Hybrid Testing System – New Testing technology](#)" – ECO-LEADER Workshop, Oxford UK, Sept 8, 2002
26. Reinhorn. A.M\*(2005)., "[Seismic Resilience: A comprehensive engineering-economical-societal and political approach](#) " Technion - Israel Institute of Technology, Seminar Series, Faculty of Civil Engineering, (\*Invited Speaker), April 28, 2005
27. Reinhorn. A.M\*(2005), "[Analytical Issues In Progressive Collapse of Structures: Applications in Structural and Earthquake Engineering](#), , Kajima Corp, Tokyo-Japan, September 7, 2005(\*invited lecture)
28. Reinhorn. A.M\*(2005)., "[Hamiltonian-Lagrangian Approach to Collapse Analysis of Structures](#)", Technion - Israel Institute of Technology, Seminar Series, Faculty of Civil Engineering, \*(Invited Speaker), December 25, 2005
29. Reinhorn, A.M.\*(2007), "MCEER's "[Moving towards Multi-Hazard Research-Disaster Resilience Concept Overview](#)", *The National Academies 20<sup>th</sup> Disaster Round Table Workshop*, 28 June, 2007 (\*Invited Lecture)
30. Reinhorn, A.M\*., Sivaselvan M.S., Dargush G.F., Lavan O, (2007), "[Mixed Lagrangian Formulation in Analysis of Collapse of Structures](#)", *ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering*, 13–16 June 2007, Rethymno, Crete, Greece, paper #1507 (\*keynote lecture)
31. Gilani, A. S., Reinhorn A M\*., and Glasgow, R.B (2007), "[Earthquake Simulator Testing and Evaluation of Suspended Ceiling System](#)", *Proceedings 12<sup>th</sup> US-Japan Workshop / ATC-15-11 Seminar* (\*Invited Lecture and Paper), Kauai, HI

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