

# List of Presentations

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July 4, 2015

1. Axiomatization of functional and join dependencies in the relational model, Weizmann Institute, November 1979.
2. The implication problem for data dependencies, Weizmann Institute May 1980.
3. The implication problem for data dependencies, Hebrew University, June 1980.
4. Complexity of relational queries, Computer Science Colloquium, Hebrew University, Jan. 1981.
5. Complexity of relational queries, Weizmann Institute, March 1981.
6. Complexity of relational queries, Computer Science Colloquium, Technion, Haifa, March 1981.
7. Complexity of relational queries, Tel Aviv University, April 1981.
8. Global decision problems for relational databases, Hebrew University , July 1981.
9. Global decision problems for relational databases, IBM Watson Research Center, Sept. 1981.
10. Global decision problems for relational databases, University of Maryland at College Park, Sept. 1981.
11. Global decision problems for relational databases, IBM San Jose Research Laboratory, Oct. 1981.
12. Global decision problems for relational databases, SUNY at Stony Brook, Nov. 1981.
13. Global decision problems for relational databases, MIT, Nov. 1981.
14. Global decision problems for relational databases, University of Toronto, Nov. 1981.
15. Global decision problems for relational databases, University of Waterloo, Nov. 1981.
16. Global decision problems for relational databases. Database Seminar, Stanford University, Dec. 1981.
17. Global decision problems for relational databases, UC Los Angeles, Jan. 1982.
18. Global decision problems for relational databases, University of Southern California, Jan. 1982.
19. The complexity of relational query language. Stanford University, Jan. 1982.

20. The complexity of relational query language, IBM San Jose Research Laboratory, Feb. 1982.
21. Global decision problems for relational databases, UC Berkeley, March 1982.
22. Implications problems for data dependencies, Stanford University, June 1982.
23. Global decision problem for relational databases, Weizmann Institute, July 1982.
24. Implications problems for data dependencies, SRI International, Sept. 1982.
25. On decompositions of relational databases, Stanford University, Oct. 1982.
26. On the semantics of updates in databases, Database Seminar, Stanford University, Jan. 1983.
27. On decompositions of relational databases, Brown University, Jan. 1983.
28. On decompositions of relational databases, IBM Watson Research Center, Jan. 1983.
29. On decompositions of relational databases, AT&T Bell Labs, Murray Hill, Jan. 1983.
30. On the semantics of updates in databases, Database Seminar, Stanford University, Feb. 1983.
31. The implication problem for functional and inclusion dependencies, Stanford University, April 1983.
32. On the semantics of updates in databases, University of Toronto, June 1983.
33. On the semantics of updates in databases, University of Waterloo, June 1983.
34. Modelling knowledge, Center for Study of Language and Information, Stanford University, April 1984.
35. Automata-theoretic techniques for modal logics of programs, Bay Area Theory Seminar, April 1984.
36. The universality problem for  $\omega$ -automata, Bay Area Theory Seminar, May 1984.
37. Modelling knowledge. University of Southern California, May 1984,
38. Modelling knowledge, Seminar, CNR-IASI, Rome, Sep. 1984.
39. An internal semantics for modal logic, Center for Study of Language and Information, Stanford University, Feb. 1985.

40. Automata-theoretic techniques for modal logics, Summer Meeting of the Association for Symbolic Logic, July 1985.
41. A model theory for knowledge, SRI International, Nov. 1985.
42. An automata-theoretic approach to automatic program verification, University of Texas, Austin, Dec. 1985.
43. Querying logical databases, MCC, Austin, Dec. 1985.
44. The complexity of reasoning about knowledge and time, IBM Almaden Research Center, Feb. 1986.
45. Knowledge and implicit knowledge in distributed environments, AT&T Bell Laboratories, Murray Hill, June 1986.
46. Knowledge and implicit knowledge in distributed environments, Rutgers University, New Brunswick, June 1986.
47. Querying logical databases, INRIA, Les Chesnay, June 1986.
48. Analyzing distributed systems via knowledge, Weizmann Institute, July 1986.
49. An automata-theoretic approach to automatic program verification, Weizmann Institute, Rehovot, July 1986.
50. Querying logical databases, Computer Science Colloquium, IBM Almaden Research Center, Aug. 1986.
51. An automata-theoretic approach to automatic program verification, UC San Diego, March 1987.
52. An automata-theoretic approach to automatic program verification, University of Washington, April 1987.
53. 0-1 laws for higher-order logics, Weizmann Institute, July 1987.
54. An automata-theoretic approach to automatic protocol verification, IBM Zurich Research Lab, August 1987.
55. Theory of knowledge, IBM Fellowship Holders Conference, IBM Almaden Research Center, November 1987.
56. Temporal logic and automata theory, Stanford University, November 1987.
57. 0-1 laws and decision problems for second-order logics, Distinguished Lecturer Series, UC San Diego, Jan. 1988.

58. An automata theoretic approach to automatic protocol verification, Computer Science Colloquium, IBM Almaden Research Center, Feb. 1988.
59. An automata theoretic approach to automatic protocol verification, presentation to J. Armstrong, IBM Chief Scientist, IBM Almaden Research Center, April 1988.
60. An automata-theoretic approach to automatic protocol verification, Software Systems Seminar, UC Berkeley, April 1988.
61. Analyzing distributed systems via knowledge, University of Illinois at Urbana-Champaign, April 1988.
62. Global optimization problems for database logic programs, Computer Science Colloquium, IBM Almaden Research Center, Feb. 1989.
63. Semantics for epistemic logic, Stanford University, April 1989.
64. Global optimization problems for database logic programs, Stanford University, April 1989.
65. Global optimization problems for database logic programs, University of Liege, June 1989.
66. On the complexity of epistemic reasoning, University of Liege, June 1989.
67. Global optimization problems for database logic programs, University of Aachen, June 1989.
68. Global optimization problems for database logic programs, Weizmann Institute, July 1989.
69. On the complexity of epistemic reasoning, Weizmann Institute, July 1989.
70. Infinitary Automata and Temporal Logic, Int'l Computer Science Institute, Sept. 1989.
71. Global decision problems for database logic programs, presentation to I. Traiger, IBM Research Director of Databases and Distributed Systems, IBM Almaden Research Center, Sept. 1989.
72. Finite-Model theory, presentation to I. Traiger, IBM Research Director of Databases and Distributed Systems, IBM Almaden Research Center, Dec. 1989.
73. Global optimization problems for database logic programs, presentation to A. Peled, IBM Research Vice President for Systems, IBM Almaden Research Center, Feb. 1990.

74. An automata-theoretic approach to automatic protocol verification, UC Santa Barbara, April 1990.
75. 0-1 law for fragments of 2nd-order logic, IBM Watson Research Center, June 1990.
76. 0-1 laws for fragments of 2nd-order logic, Weizmann Institute, July 1990.
77. 0-1 laws for fragments of 2nd-order logic, Hebrew University, July 1990.
78. 0-1 law for fragments of 2nd-order logic, presentation to I. Traiger, IBM Research Director of Databases and Distributed Systems, IBM Almaden Research Center, Sep. 1990.
79. Theoretical Computer Science at IBM Almaden Research Center, presentation to J. Matisoo, IBM Research Vice President for Storage, IBM Almaden Research Center, Oct. 1990.
80. 0-1 laws for fragments of 2nd-order logic, MIT, Oct. 1990.
81. 0-1 laws for fragments of 2nd-order logic, Cornell University, Nov. 1990.
82. 0-1 laws for fragments of 2nd-order logic, Tel Aviv University, Feb. 1991.
83. Infinitary logics in computer science, Weizmann Institute, Feb. 1991.
84. Infinitary logics in computer science, Hebrew University, Feb. 1991.
85. Theoretical Computer Science at IBM Almaden Research Center, presentation to A. Peled, IBM Research Vice President for Systems, IBM Almaden Research Center, April 1991.
86. 0-1 law for 2nd-order logics, presentation to J. Armstrong, IBM Chief Scientist, April 1991
87. Global optimization problems for database logic programs, Math Department Colloquium, San Jose State University, April 1991.
88. 0-1 law for 2nd-order logics, presentation to 3rd-line managers, IBM Almaden research center, August 1991.
89. Theoretical Computer Science at IBM Almaden Research Center, Computer Science :q.Show and Tell:eq., Sep. 1991.
90. Infinitary logic in computer science, Computer Science Seminar IBM Almaden Research Center, Sep. 1991.
91. Infinitary logic in computer science, Wesleyan University, Oct. 1991.

92. 0-1 laws for fragments of 2nd-order logic, Brown University, Oct. 1991.
93. 0-1 laws for second-order Logic, Computer Science Colloquium, IBM Almaden Research Center, Dec. 1991.
94. 0-1 laws for second-order Logic, Physical Science Colloquium, IBM Almaden Research Center, Jan. 1992.
95. An automata-theoretic approach to automatic protocol verification, IBM Watson Research Center, Jan. 1992.
96. Infinitary logic in computer science, IBM Watson Research Center, Jan. 1992.
97. 0-1 laws for fragments of second-order logic, AT&T Bell Labs, Jan. 1992.
98. Theory, systems, and applications in computer science, IBM Almaden Research Center, March 1992.
99. Research strategy in theoretical computer science, presentation to J. Matisoo, IBM Research Vice President for Storage, IBM Almaden research Center, May 1992.
100. An automata-theoretic approach to automatic protocol verification, Performance Seminar, IBM Almaden Research Center, June 1992.
101. Infinitary logic in computer science, NSF-INRIA Workshop on Databases and Finite-Model Theory, June 1992
102. Infinitary Logic in computer science, 19th Int'l Coll. on Automata, Languages, and Programming, Vienna, Austria, July 1992
103. An automata-theoretic approach to automatic protocol verification, IBM Haifa Research Group, July 1992.
104. Fixpoint logics, relational machines, and computational complexity, Weizmann Institute, July 1992.
105. Fixpoint logics, relational machines, and computational complexity, Hebrew University, July 1992.
106. Fixpoint logics, relational machines, and computational complexity, IBM Almaden Research Center, Aug. 1992.
107. Theoretical Computer Science at IBM Almaden Research Center, Computer Science "Show and Tell". IBM Almaden Research Center, Aug. 1992.
108. An Automata-Theoretic Approach to Automatic Protocol Verification, IBM Poughkeepsie, Nov. 1992.

109. Infinitary logic in computer science, Computer Science Colloquium, Rice University, Oct. 1992.
110. Infinitary logic in computer science, Theory Colloquium, Cornell University, Nov. 1992.
111. Fixpoint logics, relational machines, and computational complexity, Stanford University, Jan. 1993.
112. Fixpoint logics, relational machines, and computational complexity, Annual Meeting of the Association for Symbolic Logic, March 1993.
113. Fixpoint logics, relational machines, and computational complexity, University of Southern California, March 1993.
114. Fixpoint logics, relational machines, and computational complexity, Rice University, March 1993.
115. Reflections on Computer Science, Rice University, April 1993.
116. Fixpoint logics, relational machines, and computational complexity, University of California, Davis, April 1993.
117. An automata-theoretic approach to automatic protocol verification, University of Michigan, April 1993.
118. Fixpoint logics, relational machines, and computational complexity, Boston University, April 1993.
119. Reflections on Computer Science, Boston University, April 1993.
120. An automata-theoretic approach to automatic protocol verification, University of Maryland, May 1993.
121. Fixpoint logics, relational machines, and computational complexity, AT&T Bell Labs, May 1993.
122. Parametric real-time reasoning. IBM Haifa Research Group, July 1993.
123. On monadic NP vs. monadic co-NP. Weizmann Institute of Science, July 1993.
124. On monadic NP vs. monadic co-NP. Hebrew University in Jerusalem, July 1993.
125. Finite-model theory, process theory, and program logics. Jumelage'93, SRI International, Oct. 1993.
126. Nontraditional Applications of Automata Theory, Symposium on Theoretical Aspects of Computer Software, Sendai, Japan, April 1994.



127. Infinitary logic in computer science, Theory Colloquium, Stanford University, May 1994.
128. Nontraditional Applications of Automata Theory, IBM Almaden Research Center, San Jose, California, June 1994.
129. Infinitary Logic in Computer Science, Logic Colloquium '94, Clermont-Ferand, France, July 1994.
130. An Automata-Theoretic Approach to Program Specification and Verification, 8th Banff Higher-Order Workshop, Banff, Canada, September 1994.
131. Nontraditional Applications of Automata Theory, Rutgers University, Newark, New Jersey, September 1994
132. On the Complexity of Bounded-Variabnle Logics, Workshop on Logic and Complexity, University of Indiana, Bloomington, Indiana, October 1994
133. An Automata-Theoretic Approach to Automated Protocol Verification, Academia-Industry Workshop, Technion, Israel, Jan. 1995
134. An Automata-Theoretic Approach to Automated Protocol Verification, Warsaw University, Warsaw, Poland, Jan. 1995.
135. An Automata-Theoretic Approach to Automated Protocol Verification, Rice University, Houston, Texas, Jan. 1995
136. Automated Verification and Fixpoint Logic, Workshop on Finite-Model Theory, Marseille, France, April 1995.
137. Integrating a Plethora of Data Types, Workshop on Future Directions in Database Research, San Jose, June 1995.
138. Fixpoint Logic and Protocol Verification, IBM Almaden Research Center, July 1995.
139. An Automata-Theoretic Approach to Protocol Verification, University of California, Berkeley, August 1995.
140. Program logics and finite-model theory. DIMACS Workshop on Finite Models and Descriptive Complexity, Princeton, Jan. 1996.
141. A tribute to the memory of Paris C. Kanellakis. DIMACS Workshop on Finite Models and Descriptive Complexity, Princeton, Jan. 1996.
142. A crisis in doctoral education in science and engineering. Rice University, Jan. 1996.

143. Computational model theory. *Keislerfest* – a Conference on Current Trends in Applied Model Theory in Honor of H.J. Keisler, Madison, March 1996.
144. Verification = Logic + Algorithmics. DIMACS Workshop on Computational and Complexity Issues in Automated Verification, Piscataway, March 1996.
145. A crisis in doctoral education in science and engineering. “Town and Gown”, Rice University, April 1996.
146. Global optimization problems for database logic programs. 17th IPP Symposium – a Technical Perspective on Paris Kanellakis, Brown University, May 1996.
147. Infinite games against nature. DIMACS Workshop on Controllers for Manufacturing and Automation: Specification, Synthesis, and Verification Issues. Piscataway, May 1996.
148. A tribute to the memory of Paris C. Kanellakis. ACM Symposium on Principles of Database Theory, June 1996.
149. Computational model theory. DIMACS, Rutgers University, June 1996.
150. A crisis in doctoral education in science and engineering. Bell Laboratories, Murray Hill, June 1996.
151. Computational model theory. Bell Laboratories, Murray Hill, June 1996.
152. A crisis in doctoral education in science and engineering. Rutgers University, July 1996.
153. Computational model theory. City University of New York, Graduate Center, July 1996.
154. The WWW in Education: Revolution or Hype? Computer Research Association Meeting, July 1996.
155. Verification = Logic + Algorithmics. SPIN’96 – 2nd International SPIN Workshop, Piscataway, August 1996.
156. A crisis in doctoral education in science and engineering. IBM Watson Research Center, August 1996.
157. Computational model theory. CSL’96 – Annual Conference of the European Association for Computer Science Logic, Utrecht, The Netherlands, September 1996.
158. Verification = Logic + Algorithmics. Intel, Israel, September 1996.
159. Verification = Logic + Algorithmics. IBM Haifa Research Group, Israel, October 1996.

160. Common knowledge: now you have it, now you don't. Intelligent Systems—a Semiotics Perspective, the 1996 Int'l Multidisciplinary Conference, October 1996.
161. A crisis in doctoral education in science and engineering. Brandeis University, October 1996.
162. Verification: a dream comes true. Williams College, October 1996.
163. A crisis in doctoral education in science and engineering. University of Houston, November 1996.
164. The academic job search. Rice University, November 1996.
165. The digital revolution: reality or hype? Hebrew Speaking Professional Group, Houston, December 1996.
166. A crisis in doctoral education in science and engineering. IBM Almaden Research Center, December 1996.
167. The academic job search. University of California, Santa Cruz, December 1996.
168. Graduate Education in Computer Science at Rice University. University of California, Berkeley, December 1996.
169. Linear Time vs. Branching Time: a Complexity-Theoretic Perspective. University of California, Berkeley, December 1996.
170. Computational Model Theory. Istituto Ricerca Scientifica e Tecnologica (IRST), Trento, Italy, Jan. 1997.
171. Common knowledge: now you have it, now you don't. Cognitive Science Colloquium, Rice University, Jan. 1997.
172. Computational model theory, logic seminar, Stanford University, Feb. 1997.
173. The digital revolution – reality or hype, Rice Engineering Day, March 1997.
174. Beyond college, computer science undergraduate seminar, April 1997.
175. Linear time vs. branching time: a complexity-theoretic perspective, University of Texas, Austin, May 1997.
176. Verification=Logic + Algorithmics, Motorola, Austin, May 1997.
177. Linear time vs. branching time: a complexity-theoretic perspective, Weizmann Institute of Science, May 1997.
178. Computational model theory, Hebrew University in Jerusalem, June 1997.

179. Linear time vs. branching time: a complexity-theoretic perspective, Intel Design Center, Haifa, Israel, June 1997.
180. Linear time vs. branching time: a complexity-theoretic perspective, IBM Haifa Research Lab, Israel, June 1997.
181. Automated verification = graphs, logic, and automata, invited talk, Intel Symposium on Formal Verification, Haifa, Israel, June 1997.
182. Alternating automata: unifying truth and validity checking for temporal logics, invited talk, 14th International Conference on Automated Deduction, Townsville, Australia, July 1997.
183. Computational model theory, Melbourne University, Melbourne, Australia, July 1997.
184. Linear time vs. branching time: a complexity-theoretic perspective, Monash University, Melbourne, Australia, July 1997.
185. Unifying truth and validity checking for temporal logics, pre-workshop tutorial, 4th Workshop on Logic, Language, Information and Computation (WoLLIC'97), Fortaleza (Ceara'), Brazil, August 1997.
186. Computational model theory, invited talk, 4th Workshop on Logic, Language, Information and Computation (WoLLIC'97), Fortaleza (Ceara'), Brazil, August 1997.
187. Modular model checking, invited talk, International Symposium on Compositionality (COMPOS'97), Bad Malente, Germany, September 1997.
188. Unifying truth and validity checking for temporal logics, invited talk, Dagstuhl Workshop on Applications of Tree Automata, October 1997.
189. Synthesis with incomplete informatio, invited talk, Dagstuhl Workshop on Applications of Tree Automata, October 1997.
190. Computational model theory, Max-Planck Institute, Saarbrücken, Germany, October 1997.
191. The digital revolution: reality or hype. Fluor Daniel, October 1997.
192. Design verification: the new frontier. Computer Science Corporate Affiliate Meeting, November 1997.
193. The digital revolution: reality or hype. Dean's Fellows Meeting, November 1997.
194. The digital revolution: reality or hype. Congregation Sha'ar Hashalom, November 1997.

195. Computational model theory. IBM Almaden Research Center, November 1997.
196. Verification of open systems. Invited talk, 17th Conf. on Foundations of Software Technology and Theoretical Computer Science, Kharagpur, India, December 1997.
197. Conjunctive-query containment and constraint satisfaction. Workshop on Finite-Model Theory, Oberwolfach, Germany, Feb. 1998.
198. The digital revolution: reality or hype. Dover Business Club, March 1998.
199. Logic in the computer science curriculum. 21st Century Engineering Consortium Workshop, Melbiurne, Florida, March 1998.
200. The information revolution: reality or hype. Engineering Dean's Series, School of Continuing Studies, Rice University, May 1998.
201. The information revolution. Spring Accounting Expo, Houston Chapter of the Texas Society of Certified Public Accountants, May 1998.
202. Design verification: the new frontier. Microsoft Research, May 1998.
203. The information revolution: reality or hype. Exchange Club of Sugarland, June 1998.
204. Linear time vs branching time: the complexity-theoretic perspective. Invited talk, 13th IEEE Symp. on logic in Computer Science, Indianapolis, June 1998.
205. Automated verification = graphs, logic, and automata. Intel Symposium on Formal Verification, Hillsboro, June 1998.
206. Automated verification = graphs, logic, and automata. Intel Design Center, Haifa, July 1998.
207. Sometimes and not never re-revisited: on branching vs. linear time. Invited talk, 9th Int'l Conf. on Concurrency Theory, Nice, France, September 1998.
208. Linear time vs. branching time: the complexity-theoretic perspective. Istituto Ricerca Scientifica e Tecnologica (IRST), Trento, Italy, September 1998.
209. Sometimes and not never re-revisited: on branching vs. linear time. Istituto Ricerca Scientifica e Tecnologica (IRST), Trento, Italy, September 1998.
210. Automated verification = graphs, logic, and automata. Computer Science Colloquium, New York University, October 1998.
211. Automated verification = graphs, logic, and automata. Computer Science Colloquium, Cornell University, October 1998.

- 212. Synthesis with incomplete information. Logic seminar, Cornell University, October 1998.
- 213. Verification of open systems. DIMACS 10th Year Anniversary, Rutgers University, October 1998.
- 214. Automated verification = graphs, logic, and automata. Intel Design Center, Haifa, October 1998.
- 215. Computational model theory. Computer Science Colloquium, Weizmann Institute, November 1998.
- 216. Computational model theory. Computer Science Colloquium, Technion, November 1998.
- 217. Automated verification = graphs, logic, and automata. Logic Colloquium, University of Athens, Greece, November 1998.
- 218. Computational model theory. Computer Science Seminar, Technical University of Athens, Greece, November 1998.
- 219. Computational model theory. Computing Science Seminar, Uppsala University, Sweden, November 1998.
- 220. Sometimes and not never re-revisited: on branching vs. linear time. Verification seminar, Weizmann Institute, November 1998.
- 221. Sometimes and not never re-revisited: on branching vs. linear time. Computer science seminar, IBM Haifa Research Lab, December 1998.
- 222. Automated verification = graphs, logic, and automata. Information systems seminar, Industrial Engineering Faculty, Technion, December 1998.
- 223. Temporal Logic – Finite-Model Theory vs. Automata Theory. Invited talk, School on Finite-Model Theory, Chennai, India, December 1998.
- 224. Constraint satisfaction. Computer Science Colloquium, Hebrew University, Jerusalem, Israel, Jan. 1999.
- 225. Automated verification = graphs, logic, and automata. Computer Science Colloquium, Ben-Gurion University, Be'er Sheva, Israel, Jan. 1999.
- 226. The quest for a temporal specification language. Strategic CAD Lab, Intel, Oregon, Jan. 1999.
- 227. From Boole to the Pentium. Symposium on the Unusual Effectiveness of Logic in Computer Science, Annual Meeting of the American Association for the Advancement of Science, Jan. 1999.

228. Automated verification = graphs, logic, and automata. IBM Austin Research Lab, Feb. 1999.
229. Automated verification = graphs, logic, and automata. Computer Science Colloquium, University of Toronto, March 1999.
230. The information revolution: reality or hype. Houston Chapter of the National Council of Jewish Women, March 1999.
231. Finite-model theory and constraint-satisfaction problems, IRCS/DIMACS Tutorial on Logic and Cognitive Science, University of Pennsylvania, April 1999.
232. The information revolution: reality or hype. Society of Women Engineers, Rice University, April 1999.
233. The information revolution: reality or hype. Texas Society of CPAs Spring Accounting EXPO, May 1999.
234. Probabilistic Linear-Time Model Checking: an Overview of The Automata-Theoretic Approach. 5th Int. AMAST Workshop on Real-Time and Probabilistic Systems, Bamberg, Germany, May 1999.
235. The descriptive complexity of constraint satisfaction. Workshop on Implicit Computational Complexity, Federated Logic Conference, Trento, Italy, July 1999.
236. Logic and computer-aided verification, mini-course, Second Pan-Hellenic Logic Symposium, Delphi, Greece, July 1999.
237. The truth, the whole truth, and nothing but the truth. 6th International Workshop on Knowledge Representation Meets Databases, Linköping, Sweden, July 1999.
238. Complexity of constraint satisfaction. Max Planck Institute, Saarbrücken, September 1999.
239. Emptiness of tree automata. Dagstuhl Seminar on Finite-Model Theory, Databases, and Computer-Aided Verification, October 1999.
240. Who started the information revolution? (part of a series on Ten Events that Shaped our Century). School of Continuing Studies, Rice University, October 1999.
241. Automated verification = graphs, logic, and automata. University of Rome I, November 1999.
242. A Formal Approach to the Verification Crisis. Graduate student pizza talk, Rice University, November 1999.
243. Beyond college, Rice Computer Science Club, November 1999.

244. Automated verification = graphs, logic, and automata. University of Cape Town, December 1999.
245. Automated verification = graphs, logic, and automata. University of Witwatersrand, Johannesburg, December 1999.
246. The  $\mu$ -calculus and tree automata. First Southern African Summer School and Workshop on Logic, Universal Algebra, and Theoretical Computer Science (LU-ATCS'99), Rand Afrikaans University, Johannesburg, South Africa, December 1999.
247. Automated verification = graphs, logic, and automata. University of South Africa, Pretoria, December 1999.
248. Vacuity Detection in Temporal Model Checking. Intel Strategic CAD Lab, Hillsboro, Oregon, Jan. 2000.
249. Model checking safety properties. Intel Strategic CAD Lab, Hillsboro, Oregon, Jan. 2000.
250. The information revolution: reality or hype. Jewish Business & Professional Women's Breakfast Club, Houston, Jan. 2000.
251. Research Ethics: "The case of the temporary postdoc". Rice Undergraduate Scholars Program, Feb. 2000.
252. A formal approach to the verification crisis. Computer and Information Technology Institute, Rice University, Feb. 2000.
253. Automata theory: what is new since 1959? Workshop on Model Checking and Program Analysis, Schloss Ringberg, Feb. 2000.
254. Who started the information revolution? (part of a series on Ten Events that Shaped our Century). School of Continuing Studies, Rice University, March 2000.
255. Computer science at Rice University. Dell Corporation, Austin, March 2000.
256. The information revolution: reality or hype. Society of Women Engineers, Rice University, April 2000.
257. Who started the information revolution? Hebrew Speaking Professional Group, Houston, April 2000.
258. Constraints satisfaction and database theory. Invited Tutorial. 19th ACM Symp. on Principles of Database Systems, May 2000,
259. Automated verification = graphs, logic, and automata. Invited Talk. Journées de Verification Formelle, LIFO, University of Orleans, France, June 2000.



260. From verification to synthesis. Invited Talk. Journées de Verification Formelle, LIFO, University of Orleans, France, June 2000.
261. Automated verification = graphs, logic, and automata. Informatics Colloquium, University of Edinburgh, June 2000.
262. Constraint satisfaction and database theory. ENS Cachan, France, June 2000.
263. Constraint satisfaction and view integration. Invited Talk. First International Conference on Computational Logic, London, July 2000.
264. The ultimate temporal specification language. Invited Talk, IBM Formal Verification Summer Symposium, Israel, August 2000.
265. Automated verification = graphs, logic, and automata. Invited Talk. Annual Conference of the European Association for Computer Science Logic, August 2000, Fischbachau, Germany
266. 0-1 Laws for Fragments of Existential Second-Order Logic: A Survey. Invited Talk. 25th International Symposium on Mathematical Foundations of Computer Science, Bratislava, Slovak Republic, August 2000.
267. Automated verification = graphs, logic, and automata. Computer Science Colloquium, Brown University, September 2000.
268. A Formal Approach to the Verification Crisis. Graduate student pizza talk, Rice University, September 2000.
269. The information revolution: reality or hype. 3rd Annual Rice University Forum on Global Competitiveness in the Engineering and Construction Industry, September 2000.
270. Automated verification = graphs, logic, and automata. Datalogisk Institut, University of Copenhagen, October 2000.
271. Alternation. Invited Talk. Advances in Modal Logic - International Conference on Temporal Logic, Leipzig, Germany, October 2000.
272. Common knowledge: now you have it, now you don't. Microeconomics Seminar, Department of Economics, Rice University, October 2000.
273. Automated verification = graphs, logic, and automata, Distinguished Speaker Series, Computer and Information Sciences Department, University of Pennsylvania, October 2000.
274. Automated verification = graphs, logic, and automata, Computer and Communication Research Lab, NEC, Princeton, October 2000.

275. A formal approach to the verification crisis. Short Course. Innovation Series–IBM Austin Learning Center, October 2000.
276. Automated verification = graphs, logic, and automata. Datalogisk Institut, University of Copenhagen, October 2000.
277. Alternation. Invited Talk. Advances in Modal Logic - International Conference on Temporal Logic, Leipzig, Germany, October 2000.
278. Common knowledge: now you have it, now you don't. Microeconomics Seminar, Department of Economics, Rice University, October 2000.
279. Automated verification = graphs, logic, and automata, Distinguished Speaker Series, Computer and Information Sciences Department, University of Pennsylvania, October 2000.
280. Automated verification = graphs, logic, and automata, Computer and Communication Research Lab, NEC, Princeton, October 2000.
281. 0-1 Laws for Logics on Finite Structures. Department of Mathematics, University of Houston, November 2000.
282. 0-1 Laws for Logics on Finite Structures. Department of Mathematics, Rice University, December 2000.
283. A formal approach to the verification crisis. Intel Texas Design Center, December 2000.
284. Common Knowledge: Now You Have It, Now You Don't. Language, Logic and Logistics: Modeling and Cross-Disciplinary Discourse. New Mexico State University, Jan. 2001.
285. Logic as The Calculus of Computer Science. NSF/CISE Workshop on The Unusual Effectiveness of Logic in Computer Science, Arlington, Jan. 2001.
286. Automated verification = graphs, logic, and automata. Five Great Lectures in Computer Science, University of Victoria, Canada, Feb. 2001.
287. Branching vs. Linear Time: Final Showdown. Microsoft Research, Jan. 2001.
288. Research Ethics: "So you wanted to be a co-author". Rice Undergraduate Scholars Program, Feb. 2001.
289. The information revolution: reality or hype. Society of Women Engineers, Rice University, March 2001.

290. Erecting a Tall Building: Integrating Research and Education. Scholarly Productivity Workshop, Quality Education for Minority (QEM) Network, Texas Southern University, March 2001.
291. Branching vs. Linear Time: Final Showdown. European Joint Conferences on Theory and Practice of Software, Genova, Italy, April 2001.
292. CITI: Past and Future. Computer and Information Technology Institute Lunch Talk, Rice University, May 2001.
293. CITI: The Future. Development Officers Briefing, Rice University, June 2001.
294. Automated verification = graphs, logic, and automata. Bar-Ilan International Symposium on Foundations of Artificial Intelligence, Ramat Gan, Israel, June 2001.
295. Designing a Property Specification Language. Intel Symposium on Formal Verification, Haifa, Israel, July 2001.
296. Designing a Property Specification Language. Weizmann Institute of Science, Rehovot, Israel, August 2001.
297. Designing a Property Specification Language. Helsinki University of Technology, Finland, August 2001.
298. Automated verification = graphs, logic, and automata. Department of Communication, Computer and System Sciences, University of Genoa, October 2001.
299. A formal approach to the verification crisis. Computer Science Graduate Seminar, Rice University, October 2001.
300. Benefits of bounded model checking in an industrial setting. Dagstuhl Seminar on Exploration of Large State Spaces, November 2001.
301. Constraint satisfaction and database theory. 7th Int'l Conference on Principles and Practice of Constraint Programming, Paphos, Cyprus, November 2001.
302. 0-1 Laws for Fragments of Existential Second-Order Logic: A Survey. AMS-MAA-ASL Joint Mathematics Meetings, Jan. 2002.
303. Automated verification = graphs, logic, and automata. IBM Almaden Research Center, Jan. 2002.
304. Automated verification = graphs, logic, and automata. University of Texas, Dallas, Jan. 2002.
305. Rice and The Information Revolution. Rice Houston-Area Annual Alumni Meeting, Feb. 2002.

306. Research Ethics: “The slave driver vs. the lazy student”. Rice Undergraduate Scholars Program, Feb. 2002.
307. On the unusual effectiveness of logic in computer science. Symposium on the Effectiveness of Logic in Computer Science in Honour of Moshe Vardi, International Max Planck Research School for Computer Science, Saarbrücken, Germany, March 2002.
308. Logic and automata: a match made in heaven. Symposium on the Effectiveness of Logic in Computer Science in Honour of Moshe Vardi, International Max Planck Research School for Computer Science, Saarbrücken, Germany, March 2002.
309. Automated verification = graphs, logic, and automata. 2002 Clifford Lectures, Mathematical Logic for Computer Science, Tulane University, New Orleans, March 2002.
310. Common knowledge revisited. Symposium on Dimensions in Epistemic Logic, Danish Network for Philosophical Logic, Roskilde University, May 2002.
311. On the unusual effectiveness of logic in computer science. Workshop on Learning and Formal Verification - in Honor of Eli Shamir, Neve Ilan, Israel, May 2002.
312. On the unusual effectiveness of logic in computer science. IBM Haifa Research Center, Israel, June 2002.
313. On the unusual effectiveness of logic in computer science. Intel’s Israel Design Center, July 2002.
314. On the unusual effectiveness of logic in computer science. Computer Science Colloquium, Technion, Haifa, Israel, July 2002.
315. Automata and logic: words, trees, and forests. Workshop on Hybrid Logic, Federated Logic Conference, Copenhagen, Denmark, July 2002.
316. The information revolution - reality or hype? International School on Disarmament and Research on Conflicts, Trento, Italy, August 2002.
317. On the unusual effectiveness of logic in computer science. Computer Science Seminar, Tel Aviv University, Israel, August 2002.
318. Model checking: a complexity-theoretic perspective. 1st Int’l Workshop on Parallel and Distributed Model Checking, Brno, Czech Republic, August 2002.
319. Automated verification = graphs, logic, and automata. NetIQ, Houston, September 2002.

320. Alternation. 8th European Conf. on Logics in Artificial Intelligence, Cosenza, Italy, september 2002.
321. Verification=logic+algorithms. Games Network Kick-Off Meeting, Edinburgh, UK, September 2002.
322. Common knowledge: now you have it, now you don't. Approches Formelles Outils D'Analyse et de Synthèse, Orleans University, France, September 2002.
323. On the unusual effectiveness of logic in computer science. Computer Science Corporate Affiliate Meeting, Rice University, October 2002.
324. Designing a Property Specification Language. Distinguished Lecture, Center for Research on Embedded Systems and Technology, Georgia Institute of Technology, October 2002.
325. On the unusual effectiveness of logic in computer science. Distinguished Lecture, Computer Science Department, University of Washington, November 2002.
326. Constraint satisfaction and database theory. Database Seminar, Computer Science Department, University of Washington, November 2002.
327. Designing a Property Specification Language. CAD Seminar, UC Berkeley, December 2002.
328. A call to regularity. Invited talk, Computer Science Symposium in Honor of Jeffrey D. Ullman, Stanford, December 2002.
329. On the unusual effectiveness of logic in computer science. Distinguished Lecture, IBM Almaden Research Center, San Jose, December 2002.
330. Research Ethics: "Authorship vs. Friendship". Rice Undergraduate Scholars Program, Jan. 2003.
331. And logic begat computer science. Computer Science Colloquium, CUNY Graduate Center, New York, Jan. 2003.
332. And logic begat computer science. Alumni Day, Institute for Logic, Language, and Computation, University of Amsterdam, March 2003.
333. Designing a Property Specification Language. Dutch Theory Day, Utrecht, The Netherlands, March 2003.
334. And logic begat computer science. HP High-Performance Technical Computing, Nashua, NH, April 2003.
335. Automated verification = graphs, logic, and automata. HP High-Performance Technical Computing, Nashua, NH, April 2003.

336. And logic begat computer science. Saul Gorn Memorial Lecture, University of Pennsylvania, April 2003.
337. Probabilistic Linear-Time Model Checking: an Overview of The Automata-Theoretic Approach. Dagstuhl Workshop on Probabilistic Methods in Verification and Planning, Dagstuhl, Germany, May 2003.
338. And Logic Begat Computer Science, Symposium in honor of Professor Baruch Muskat, Bar Ilan University, Israel, May 2003.
339. Constraints, Graphs, Algebra, and Logic. Invited talk, 3rd Haifa Workshop on Interdisciplinary Applications of Graph Theory, Combinatorics, and Algorithms.
340. A call to regularity. Invited talk, Workshop on Principles of Computing and Knowledge (in memory of Paris C. Kanellakis), Federated Computing Research Conference, June 2003.
341. And logic begat computer science. Inaugural Distinguished Lecture in Computer Science, Concordia University, Montreal, Canada, June 2003.
342. Automated verification = graphs, logic, and automata. Intel Design Center, Haifa, Israel, July 2003.
343. Automated verification = graphs, logic, and automata. Invited talk, Int'l Joint Conference on Artificial Intelligence, Acapulco, Mexico, August 2003.
344. A Formal Approach to The Verification Crisis. Graduate student pizza talk, Rice University, October 2003.
345. Who Started the Information Revolution? School of Continuing Studies, Rice University, October 2003.
346. Automated verification = graphs, logic, and automata. Distinguished lecture, Department of Computer Science and Engineering, SUNY Buffalo, New York, October 2003.
347. Who Started the Information Revolution? School of Continuing Studies, Rice University, November 2003.
348. And logic begat computer science. Distinguished lecture, Department of Computer Science, University of Kentucky, Lexington, November 2003.
349. And logic begat computer science. Auckland University, Auckland, New Zealand, December 2003.
350. Automated verification = graphs, logic, and automata. Victoria University, Wellington, New Zealand, Dec. 2003.

351. And logic begat computer science. Victoria University, Wellington, New Zealand, Dec. 2003.
352. Constraints, Graphs, Algebra, and Logic. Victoria University, Wellington, New Zealand, Dec. 2003.
353. And logic begat computer science. Distinguished Lecture, University of California, San Diego, Jan. 2004.
354. Automated verification = graphs, logic, and automata. Computer Science Seminar, University of California, San Diego, Jan. 2004
355. Automated verification = graphs, logic, and automata. Computer Science Colloquium, University of Connecticut, Jan. 2004
356. A formal approach to the verification crisis. Computer Science Graduate Seminar, Rice University, Jan. 2004.
357. And logic begat computer science. Alan J. Perlis Lecture, Yale University, Jan. 2004.
358. Research Ethics: “The rat race”. Rice Undergraduate Scholars Program, Feb. 2004.
359. Liveness and co-liveness. Invited talk, Beyond Safety - an Int’l Workshop, Schloss Ringberg, Germany, April 2004.
360. Automated verification = graphs, logic, and automata. Los Alamos National Lab, April 2004
361. And logic begat computer science. Distinguished Lecture, Faculty of Mathematics, Weizmann Institute of Science, Israel, May 2004.
362. And logic begat computer science. Undergraduate Lecture, Institute of Mathematics, Hebrew University in Jerusalem, Israel, May 2004.
363. LTL Model Checking Tutorial, Intel Design Center, Haifa, Israel, June 2004.
364. GSTE Is Partitioned Model Checking. Intel Design Center, Haifa, Israel, June 2004.
365. Constraints, graphs, algebra, and logic. Logic and semantics seminar, Cambridge University, June 2004.
366. Markov Processes and Markov Decision Processes – The Verification Perspective. Invited talk, 20th Conference on Uncertainty in Artificial Intelligence. Banff, Canada, July 2004.

367. A call to regularity. Computer Science Seminar, IBM Almaden Research Center, July 2004.
368. The state of computer science. Theory Group Seminar, IBM Almaden Research Center, July 2004.
369. A formal approach to the verification crisis. Computer Science Graduate Seminar, Rice University, August 2004.
370. Designing a property-specification language. Microsoft Research, Redmond, September 2004.
371. The logic of life. Informatics—Defining the Research Agenda. Indiana University, Bloomington, September 2004.
372. And logic begat computer science. University of Rome, Italy, September 2004.
373. Automated verification = graphs, logic, and automata, University of Rome, Italy, September 2004.
374. Alternation as an algorithmic construct. Invited talk, A Tribute to Larry Stockmeyer, IBM Almaden Research Center, October 2004.
375. A call to regularity. Database Seminar, University of Waterloo, Canada, November 2004.
376. Model checking for database theoreticians, Invited Talk, Tenth International Conference on Database Theory, Edinburgh, Scotland, January 2005.
377. And logic begat computer science. Distinguished Lecture, University of Illinois, Chicago, February 2005.
378. Automated verification = graphs, logic, and automata, Distinguished Lecture, Simon Fraser University, Canada, February 2005.
379. Research Ethics: “In the dark”. Rice Undergraduate Scholars Program, February 2005.
380. A Game-theoretic approach to automated program generation, IFIP Working Group 2.11 on Program Generation, Rice University, March 2005.
381. Invited tutorial on computer-aided verification (three lectures). Annual Meeting of the Association for Symbolic Logic, Stanford University, March 2005.
382. And Logic Begat Computer Science. 2005 Spring Banquet, Department of Computer Science, Lamar University, Beaumont, Texas, April 2005.



383. Alternation as an algorithmic construct. Workshop on Programming Logics in memory of Harald Ganzinger, MPI, Germany, June 2005.
384. Tree automata in program synthesis. Dagstuhl Workshop on Synthesis and Planning, June 2005.
385. Symbolic Methods for SAT and QBF. Formal Technologies School, Intel Israel Design Center, June 2005.
386. Symbolic Model Checking Revisited. Formal Technologies School, Intel Israel Design Center, July 2005.
387. Büchi complementation – a 40-year saga. Invited talk, Ninth Asian Logic Conference, Novosibirsk, Russia, August 2005.
388. And Logic Begat Computer Science. Distinguished Lecture, Department of Computer Science, University of Toronto, September 2005.
389. A Call to Regularity. Invited talk, Colloquium Honoris Causa, IRISA, Rennes, France, October 2005.
390. Automata-Theoretic Verification. Research Seminar, Intel Research Pittsburgh, October 2005.
391. Designing a property-specification language. Formal Methods Seminar, University of Illinois, October 2005.
392. And Logic Begat Computer Science. Distinguished Lecture, Department of Computer Science, University of Illinois, October 2005.
393. What is formal verification? CSters Weekly Meeting, Rice University, November 2005.
394. Who started the information revolution? (part of a series on The Shaping of Our Times), School of Continuing Studies, Rice University, November 2005.
395. Designing a property-specification language. Strachey Lecture in Computing Science, Oxford Computing Lab, Oxford University, January 2006.
396. Designing a property-specification language. Research Seminar, Microsoft Research, Cambridge, UK, January 2006.
397. Logic and Algorithms. Research Seminar, Newton Institute for Mathematical Sciences, Cambridge, UK, March 2006.
398. Alternation as an algorithmic construct. Invited talk, British Colloquium of Theoretical Computer Science, Swansea, April 2006.

399. Compositional Safrless Synthesis. Theory seminar, Division of Informatics, University of Edinburgh, April 2006.
400. Globalization and Offshoring of Software. The Innovation Imperative – Globalization and National Competitiveness Conference, Stockholm, April 2006.
401. And logic begat computer science. 6th International School on Formal Methods for the Design of Computer, Communication and Software Systems: Hardware Verification, Bertinoro, Italy, May 2006.
402. And logic begat computer science. Distinguished Lecture, Queen Mary University - London, UK, May 2006.
403. The design of a property-specification language. Second Icelandic Symposium on Theoretical Computer Science, June 2006.
404. And logic begat computer science. Gödel Centenary Lecture, Reykjavik University, Iceland, June 2006.
405. And logic begat computer science. Research Seminar, Newton Institute for Mathematical Sciences, Cambridge, UK, June 2006.
406. Games as an algorithmic construct. Invited Tutorial, Annual Meeting, Games and Automata for Synthesis and Validation Research Training Network, Cambridge, UK, July 2006.
407. From Church and Prior to PSL. Invited Talk, Workshop on 25 Years of Model Checking, Federated Logic Conference, Seattle, August 2006.
408. Where have all the IT jobs gone? Distinguished Lecture, University of Texas at Dallas, Sep. 2006.
409. And logic begat computer science. Distinguished Lecture, University of Texas at Dallas, Sep. 2006.
410. Where have all the IT jobs gone? ACM Distinguished Lectureship Program, Cambridge, MA, Sep. 2006.
411. Where have all the IT jobs gone? ACM Distinguished Lectureship Program, Stanford, CA, Nov. 2006.
412. From verification to synthesis. Keynote talk, 5th International Symposium on Formal Methods for Components and Objects, Amsterdam, Nov. 2006.
413. Open Access Journals in the Promotion and Tenure Process, Fondren Library, Rice University, Nov. 2006.

414. Where have all the IT jobs gone? Computer and Information Technology Institute Lunch Talk, Rice University, Dec. 2006. Fondren Library, Rice University, Nov. 2006.
415. Where have all the IT jobs gone? Computer Research Association, Dec. 2006.
416. Games as an algorithmic construct. Department of Languages and Systems Informatics, Polytechnic University of Catalonia, December 2006.
417. Automata-Theoretic Model Checking Revisited. Invited talk, 8th International Conference on Verification, Model Checking and Abstract Interpretation, Nice, France, January 2007.
418. Research Ethics: “How Much Help Is Too Much”. Rice Undergraduate Scholars Program, January 2007.
419. Where have all the IT jobs gone? College of Science Seminar, Texas State University, San Marcos, January 2007.
420. Designing a property-specification language. Computer Science Seminar, University of Maryland, College Park, February 2006.
421. The Büchi Complementation Saga. Invited talk, 24th Symp. on Theoretical Aspects of Computer Science, Aachen, Germany, February 2007.
422. And Logic Begat Computer Science. Matthew Vassar Lecture, Vassar College, April 2007.
423. Automated Verification=Graphs, Logic, and Automata. Matthew Vassar Lecture, Vassar College, April 2007.
424. Globalization and Offshoring of Software. Plenary talk, American Distance Education Consortium, Seattle, April 2007.
425. And logic begat computer science. IT Eminent Lecture Series, Louisiana Center for Computation and Technology, June 2007.
426. Constraint Satisfaction – An Introduction. Invited tutorial, Workshop on Universal Algebra and the Constraint Satisfaction Problem, Nashville, June 2007.
427. Formal Techniques for SystemC Verification. Invited Talk, Intel’s Annual Symposium on VLSI CAD and Validation – Design and Validation Challenges of Multi-Core Systems in Nanoscale Silicon, Haifa, July 2007.
428. Linear-Time Model Checking – Automata Theory in Practice. Invited Talk, 12th Int’l Conf. on Implementation and Applications of Automata, Prague, July 2007.

429. Automata-Theoretic Model Checking Revisited. Formal Techniques School, Intel Design Center, Haifa, Israel, July 2007.
430. Logic, Automata, Games, and Algorithms. Invited Talk, 13th Int'l Congress on Logic, Methodology, and Philosophy of Science, Beijing, August 2007.
431. Logic, Automata, Games, and Algorithms. Database Seminar, School of Informatics, Edinburgh University, September 2007.
432. From Löwenheim to PSL. Invited Talk, British Logic Colloquium, London, September 2007.
433. Where have all the IT jobs gone? Computer Science Corporate Affiliate Meeting, Rice University, September 2007.
434. Who Started the Information Revolution? School of Continuing Studies, Rice University, September 2007.
435. The Automata-Theoretic Approach. Invited Tutorial, 5th International Symposium on Automated Technology for Verification and Analysis, Tokyo, Japan, October 2007.
436. Branching vs. Linear Time: Semantical Perspective. Keynote Talk, 5th International Symposium on Automated Technology for Verification and Analysis, Tokyo, Japan, October, 2007.
437. The Büchi Complementatation Saga. Invited Talk, 1st Workshop on Omega-Automata, Tokyo, Japan, October, 2007.
438. From Löwenheim to PSL. Distinguished Lecture, Max Planck Institute for Software Systems, Kaiserlauten, Germany, December 2007.
439. From Löwenheim to PSL. Invited talk, Workshop on Automata and Logic, Aachen, Germany, December 2007.
440. From Philosophical to Industrial Logic. Computer Engineering Colloquium, University of Rome 1, December 2007.
441. From Philosophical to Industrial Logic. Distinguished Lecture, Department of Computer Science, Ben Gurion University, December 2007.
442. From Philosophical to Industrial Logic. Computer Science Seminar, Department of Computer Science and Applied Mathematics, Weizmann Institute, December 2007.
443. The High-Tech Industry in Israel. The Houston Jewish Community 2008 Study Day, February 2008.

444. And Logic Begat Computer Science. Algebra Mini-Conference, Sam Houston State University, April 2008.
445. From Philosophical to Industrial Logic. Computer Science Seminar, University of Chicago, April 2008.
446. From Philosophical to Industrial Logic. Keynote Talk, 6th NASA Langley Formal Methods Workshop, April 2008.
447. From Philosophical to Industrial Logic. Computer Science Colloquium, Haifa University, May 2008.
448. Designing a property specification language. Invited talk, Workshop on 25 Years of Concurrency at CWI, Amsterdam, May 2008.
449. Temporal Languages for SystemC. Formal Technologies Seminar, Intel Design Center, Haifa, Israel, June 2008.
450. Logic, Automata, Games, and Algorithms. Invited Tutorial, Computability in Europe 2008, Athens, Greece, June 2008.
451. And Logic Begat Computer Science. International Guest Lecture, Kiel Week Festival, Kiel, Germany, June 2008.
452. Automated Verification=Graphs, Logic, and Automata. Computer Science Colloquium, Christian-Albrechts University, Kiel, Germany, June 2008.
453. From Philosophical to Industrial Logic. Symposium on XML, Logic, and Automata, Grantown-on-Spey, Scotland, July 2008.
454. From Philosophical to Industrial Logic. Microsoft Research, Cambridge, UK, July 2008.
455. And Logic Begat Computer science. Institute of Informatics, University of Wroclaw, Poland, September 2008.
456. Where have all the IT jobs gone? Institute of Informatics, University of Wroclaw, Poland, September 2008.
457. From Verification to Synthesis. Invited talk, First BCS Conference on Visions of Computer Science, London, UK, Sep. 2008.
458. From verification to synthesis. Keynote talk, 2nd IFIP Working Conference on Verified Software – Theories, Tools, and Experiments, Toronto, Canada, Sep. 2008.
459. Research Ethics: “To Publish Alone”, Rice Undergraduate Scholars Program, October 2008.

460. Automata-Theoretic Model Checking Revisited. Keynote talk, 4th Haifa Verification Conference, Haifa, Israel, October 2008.
461. And Logic Begat Computer Science. LIFO Seminar, Orleans University, France, November 2008.
462. And Logic Begat Computer Science. DigiteoLabs conference, INRIA Scalay, France, November 2008.
463. From philosophical to industrial logics. CS Seminar, ENS Cachan, France, November 2008.
464. Logic and Computation. European Academy of Science, Brussels, Belgium, November 2008.
465. And Logic Begat Computer Science. Cray Lecture, Computer Science, University of Minnesota, Minneapolis, November 2008.
466. And Logic Begat Computer Science. Tata Consultancy services, Chennai, India, January 2009.
467. From Philosophical to Industrial Logics. Invited Talk, 3rd Indian Conference on Logic and Its Applications, Chennai, India, January 2009.
468. And Logic Begat Computer Science. Microsoft Research, Bangalore, India, January 2009.
469. And Logic Begat Computer Science. Computer Science Colloquium, Pomona College, February 2009.
470. From Philosophical to Industrial Logic. Computer Science Seminar, CalTech, February 2009.
471. The High-Tech Industry in Israel. The Houston Jewish Community 2009 Study Day, February 2009.
472. From program synthesis to service composition. Bertinoro Workshop on Data and Service Integration. Bertinoro, Italy, March 2009.
473. From Aristotle to the Pentium (part of a series on Breakthroughs in Engineering: Past, Present and Future). School of Continuing Studies, Rice University, April 2009.
474. From Aristotle to the Pentium. Public Symposium on The Convergence of Logic, Mathematics and Computer Science, UCLA, April 2009.

475. Constraints, Graphs, Algebra, Logic, and Complexity. Plenary talk, 6th Annual Conference on Theory and Applications of Models of Computation, ChangSha, China, May 2009.
476. And Logic Begat Computer Science. Milner Lecture, School of Informatics, Edinburgh University, Scotland, June 2009.
477. Constraints, Graphs, Algebra, Logic, and Complexity. An Honorary Day for Robert L. Constable, Ben Gurion University, Israel, June 2009.
478. Symbolic Techniques in Propositional Satisfiability Solving. 12th Int'l Conf. on Theory and Applications of Satisfiability Testing, Swansea, Wales, July 2009.
479. From Verification to Synthesis. Microsoft Research, Cambridge, UK, July 2009.
480. From Verification to Synthesis. Keynote Talk, 29th Brazilian Computer Society Congress, Bento Goncalves, Brazil, July 2009.
481. Constraints, graphs, algebra, logic, and complexity. Invited talk, Maltsev Meeting, Novosibirsk, Russia, August 2009.
482. Model checking as a reachability problem. Invited talk, 3rd Workshop on Reachability Problems, Paris, France, September 2009.
483. Starting and Running an Open Access Journal, Panel, Open Access Week, Rice University, October 2009.
484. The Whole May Be Less than the Sum of the Parts: A Personal Perspective on the Rice-BCM Merger. Public Lecture, Rice University, October 2009.
485. From Verification to Synthesis. Robotics Seminar, Rice University, November 2009.
486. And Logic Begat Computer Science. Invited talk, Computer Science 50th Anniversary, University of Birmingham, UK, November 2009.
487. Branching vs. Linear Time: A Semantical Perspective. Concurrency seminar, University of Birmingham, UK, November 2009.
488. Formal Techniques for System-Level Verification. Invited tutorial, 9th Conf. on Formal Methods in Computer-Aided Design, Austin, November 2009.
489. Automated Verification = Graphs, Automata, and Logic. Computer Science Distinguished Lecture, University of California Riverside, November 2009.
490. From Philosophical to Industrial Logics. Colloquium, School of Physical and Mathematical Sciences, Nanyang Technical University, Singapore, January 2010.

491. The Logic of Life. Invited talk, Symposium on Transformational Information Engineering and Science. Nanyang Technical University, Singapore, January 2010.
492. Branching vs. Linear Time: A Semantical Perspective. Computer Science Colloquium, National University of Singapore, January 2010.
493. Logic, Databases, and Catriel Beerli. Workshop Honoring Catriel Beerli, Hebrew University of Jerusalem, Israel, February 2010.
494. From Philosophical to Industrial Logics. Distinguished Lecture, Computer Science, University of Liverpool, UK, March 2010.
495. Datalog Containment and Regular Queries. Datalog 2.0 Workshop, Magdalene College, Oxford University, UK, March 2010.
496. And Logic Begat Computer Science. Unifying Keynote Talk, ETAPS 2010, Cyprus, March 2010.
497. Logic, Automata, Games, and Algorithms. Computer Science Colloquium, Interdisciplinary Center, Herzliya, Israel, April 2010.
498. From Philosophical to Industrial Logics. Computer Science Colloquium, Tel-Aviv University, Israel, April 2010.
499. Branching vs. Linear Time: A Semantical Perspective. Israeli Verification Day, Weizmann Institute of Science, Israel, April 2010.
500. From Löwenheim to Pnueli, from Pnueli to PSL and SVA. Amir Pnueli Memorial Symposium, New York University, May 2010.
501. Constraints, Graphs, Logic, Algebra, and Complexity. Computer Science Colloquium, Weizmann Institute of Science, Rehovot, Israel, May 2010.
502. Symbolic Techniques in Propositional Satisfiability Solving. Computer Science Colloquium, IBM Haifa Research Lab, June 2010.
503. From Philosophical to Industrial Logics. Computer Science Colloquium, Technion, Haifa, Israel, June 2010.
504. Symbolic Techniques in Propositional Satisfiability Solving. Formal Verification Seminar, Intel Design Center, Haifa, Israel, June 2010.
505. Symbolic Techniques in Propositional Satisfiability Solving. Microsoft Research, Cambridge, UK, July 2010.
506. Hybrid Logics: The Search for Decidability and Tractability Frontiers. Invited Talk, Workshop on Hybrid Logic and Applications, Edinburgh, UK, July 2010.



507. Symbolic Techniques in Propositional Satisfiability Solving. Invited talk, International Workshop on Comparing Logical Decision Methods, Edinburgh, UK, July 2010.
508. Amir Pnueli, Ahead of His Time. Invited Talk, 22nd Conference on Computer-Aided Verification, Edinburgh, UK, July 2010.
509. P vs. NP. Kennedy Institute for Information Technology Lunch Talk, September 2010.
510. From Aristotle to the Pentium. Hebrew Speaking Professional Group, Houston, September 2019.
511. Constraints, Graphs, Algebra, Logic, and complexity. Invited Talk, 16th International Conference on Principles and Practice of Constraint Programming, St. Andrews, UK, September 2010.
512. The Tragedy of The Computing Research Commons. Keynote Talk, European Computer Science Summit, Prague, October 2010.
513. Symbolic Techniques in Propositional Satisfiability Solving. Seminar, Laboratory for Specification and Verification (LSV), Cachan, France, November 2010.
514. And Logic Begat Computer Science. Inaugural Distinguished Lecture, Laboratory for Informatics, Grenoble, November 2010.
515. From Industrial to Philosophical Logics. Seminar, VERIMAG, Grenoble, November 2010.
516. P vs. NP. Computer Science Colloquium, Rice University, December 2010.
517. Branching vs. Linear Time: Semantical Perspective. Microsoft Research, Cambridge, UK, January 2011.
518. From Industrial to Philosophical Logics. 10th Annual Paris C. Kanellakis Memorial Lecture, Brown University, December 2010.
519. And Logic Begat Computer Science. Research Lecture, Technical University of Vienna, January 2010.
520. From Industrial to Philosophical Logics. Computer Science Seminar, Technical University of Graz, January 2010.
521. From Industrial to Philosophical Logics. Ted and Janice Smith Distinguished Lecture, School of Information and Computer Sciences, University of California Irvine, February 2010.

- 522. The Tragedy of the Computing-Research Commons. Computer Science Seminar, School of Information and Computer Sciences, University of California Irvine, February 2010.
- 523. Dynamic Assertion-Based Verification for SystemC. Electrical Engineering Colloquium, National Taiwan University, Taiwan, March 2011.
- 524. Automata-Theoretic verification. Information Management Colloquium, National Taiwan University, Taiwan, March 2011.
- 525. And Logic Begat Computer Science. Distinguished Lecture, Academia Sinica, Taiwan, March 2011.
- 526. And Logic Begat Computer Science. Distinguished Lecture, Department of Computer Science, Virginia Tech, April 2011.
- 527. The Rise, Fall, and Rise of Dependency Theory - Part I, Rise and Fall. Invited talk, 30th ACM Symp. on Principles of Database Systems, Athens, Greece, June 2011.
- 528. The Rise and Fall of LTL. Invited talk, 2nd Int'l Symp. on Games, Automata, Logics and Formal Verification, Minori, Italy, June 2011.
- 529. And Logic Begat Computer Science. Computer Science Colloquium, University of Naples Napoli Federico II, June 2011.
- 530. P vs. NP, Fields Institute, Toronto, Canada, June 2011.
- 531. And Logic Begat Computer Science. Coxeter Lecture, Fields Institute, Toronto, Canada, July 2011.
- 532. From Philosophical to Industrial Logics Coxeter Lecture, Fields Institute, Toronto, Canada, July 2011.
- 533. Logic, Automata, Games, and Algorithms Coxeter Lecture, Fields Institute, Toronto, Canada, July 2011.
- 534. Parallelism: A Siren Song? 10th International Workshop on Parallel and Distributed Methods in Verification, Snowbird, July 2011.
- 535. A Multi-layered Synergistic Approach to Motion Planning with Temporal Goals. Workshop on Formal Methods for Robotics and Automation, Snowbird, July 2011.
- 536. From Philosophical to Industrial Logics. Affiliated Symposium: Analysing Programs—Logic to the Rescue, 14th International Congress of Logic, Methodology and Philosophy of Science, Nancy, France, July 2011.

537. Dynamic Assertion-Based Verification for SystemC. Intel Design Center, August 2011.
538. Branching vs. Linear Time: Semantical Perspective. Invited talk, 20th Conference on Computer Science Logic, Bergen, Norway, September 2011.
539. And Logic Begat Computer Science. Department of Informatics, University of Bergen, September 2011.
540. P vs. NP, Mathematics Colloquium, Rice University, Houston, September 2011.
541. P vs. NP, Mathematics Colloquium, University of Houston, Houston, October 2011.
542. The Rise and Fall of Linear Temporal Logic. Invited talk, Workshop on Games, Logic and Security, Rennes, France, October 2011.
543. And Logic Begat Computer Science. Special Lecture, University of Rennes I, France, October 2011.
544. The Rise and Fall of Linear Temporal Logic. Computer Science Colloquium, Cornell University, Ithaca, November 2011.
545. Amir Pnueli – Ahead of His Time. Pnueli Memorial Lecture, Weizmann Institute of Science, Rehovot, Israel, December 2011.
546. Assertion-based Dynamic Verification for SystemC. Intel Design Center, Haifa, Israel, December 2011.
547. Constraints, Graphs, Algebra, Logic, and Complexity. Invited talk, Annual Conference on Foundations of Software Technology and Theoretical Computer Science, Mumbai, India, December 2011.
548. And Logic Begat Computer Science. Institute Colloquium, IIT Bombay, December 2011.
549. The Rise and Fall of Linear Temporal Logic. Microsoft Research, Bangalore, December 2011.
550. Who Started the Information Revolution? Congregation Brish Shalom, Bellaire, TX, January 2012.
551. The Rise and Fall of Linear Temporal Logic. Keynote Lecture, Int'l Symposium on Artificial Intelligence and Mathematics. Fort Lauderdale, January 2012.
552. From Aristotle to the Pentium. Distinguished Lecture, Centre de Recherche Mathematiques, Montreal, Canada, February 2012.

- 553. And Logic Begat Computer Science. CITRIX Distinguished Lecture, Florida International University, February, 2012.
- 554. From Aristotle to the Pentium. Distinguished Lecture, Centre de Recherches Mathematiques, Montreal, February 2012.
- 555. Synthesis from Components. Newton Institute for Mathematical Sciences, Cambridge, UK, March 2012.
- 556. The Rise and Fall of Linear Temporal Logic. Seminar on Theory of Software Verification, ENS Cachan, France, March 2012.
- 557. Database Queries – Logic and Complexity. Course on Informatics and Digital Science, College of France, Paris, France, March 2012.
- 558. P vs. NP, Computer Science Colloquium, University of Orleans, France, March 2012.
- 559. Phase Transitions and Computational Complexity. Workshop on Logical Approaches to Barriers in Complexity. Newton Institute, Cambridge, UK, March 2012.
- 560. From Philosophical to Industrial Logics. Invited Talk, Annual Meeting of the Association for Symbolic Logic. Madison, April 2012.
- 561. Graduate Students, Marshmallows, and Academic Jobs. Graduate-Traning Workshop, Rice University, May 2012.
- 562. From Aristotle to the Pentium. Distinguished Lecture, Center for Advancing Electronics Dresden, Technical University of Dresden, May 2012.
- 563. Phase Transitions and Computational Complexity. Workshop on Finite and Algorithmic Model Theory, Les Houches, May 2012.
- 564. Reactive Synthesis. NSF Expeditions in Computer Augmented Program Engineering (ExCAPE), Kickoff Meeting, Philadelphia, June 2012.
- 565. The Rise and Fall of Linear Temporal Logic. Invited Talk, 13th Int'l Conference on Principles of Knowledge Representation and Reasoning, Rome, Italy, June 2012.
- 566. A Logical Revolution. Award Lecture, 39th Int'l Colloquium on Automata, Languages and Programming, Warwick, UK, July 2012.
- 567. And Logic Begat Computer Science. International Conference and the Second East-Asian School on Logic, Language and Computation, Chongqing, China, August 2012.

568. Compositional Temporal Synthesis. Keynote Talk, 9th International Conference on Quantitative Evaluation of Systems and 10th Int'l Conference on Formal Modeling and Analysis of Timed Systems, London, UK, September 2012.
569. The Rise and Fall of Linear Temporal Logic. Computer Science Seminar, Imperial College, London, UK, September 2012.
570. Logic Sequence Diagrams. Intel Strategic CAD Lab, Hillsboro, Oregon, September 2012.
571. To Boycott or Not to Boycott, Dagstuhl Perspective Workshop on Publication-Culture in Computing Research, Schloss Dagstuhl, November 2012.
572. And Logic Begat Computer Science Keynote Talk, 23rd Conference of the Chilean Computer Science Society, Vapapariso, Chile, November 2012.
573. The Rise and Fall of Linear Temporal Logic. Keynote Talk, 23rd Conference of the Chilean Computer Science Society, Vapapariso, Chile, November 2012.
574. Database Queries: Logic and Complexity. Computer Science Colloquium, University of Rome "La Sapienza", Italy, December 2012.
575. A Logical Revolution. Workshop on Language, Logic, and Computation. Tel Aviv University, Israel, December 2012.
576. From Philosophical to Industrial Logics. Invited Talk, Symposium on Logical Foundations of Computer Science, San Diego, January 2013.
577. Database Queries – Logic and Complexity. AMS Special Session on Mathematical Underpinnings of Multivariate Complexity Theory and Algorithm Design, and the Field of Incrementalization, Joint Mathematics Meeting, San Diego, January 2013.
578. A Logical Revolution. Distinguished lecture, Dept. of Computer Science, Johns Hopkins University, January 2013.
579. Tablet computing. School of Continuing Studies, Rice University, February 2013.
580. If Machines Are Capable of Doing Almost Any Work Humans Can Do, What Will Humans do? Invited Talk, International Summit on Innovation for Jobs, Menlo Park, March 2013.
581. Building Rice's Human and Organizational Capital, Public Lecture, Rice University, April 2013.
582. A Logical Revolution. Computer Science seminar, University of Maryland, April 2013.

583. On A Tower of Abstraction for Biology. Computational and Intergative Biomedical Research Center, Baylor College of Medicine, May 2013.
584. Assertion-Based Dynamic Verification for SystemC. Intel Research and Development Center, Folsom, CA, May 2013.
585. Branching vs. Linear Time: Semantical Perspective. Distinguished Carl Adam Petri Lecture, 34th International Conference on Application and Theory of Petri Nets and Concurrency, Milan, Italy, June 2013.
586. A Logical Revolution. Microsoft Research, Redmond, WA, August 2013.
587. A Logical Revolution. Keynote Talk, 9th Joint Meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering, St. Petersburg, Russia, August 2013.
588. The Rise and Fall of Linear Temporal Logic. Invited Talk, Horizons in TCS: A Celebration of Mihalis Yannakakis's 60th Birthday. Princeton, August 2013.
589. A Logical Revolution. Plenary Talk, 25th Academia Europaea Anniversary Conference, Wroclaw, Poland, September 2013.
590. The Rise and Fall of Linear Temporal Logic. Invited Talk, Highlights of Logic, Games, and Automata. Paris, France, September 2013.
591. The Rise and Fall of Linear Temporal Logic. Invited Talk, Workshop on Software Correctness and Reliability. ETH, Zurich, Switzerland, October 2013.
592. From Aristotle to The iPhone. Invited Talk, Conference on Logic Across The University – Foundations and Applications. Tsinghua University, Beijing, China, October 2013.
593. A Logical Revolution. Distinguished Lecture, Software Engineering Institute, East China Normal University, Shanghai, China, October, 2013.
594. If Machines Are Capable of Doing Almost Any Work Humans Can Do, What Will Humans do? Lunch Talk, Ken Kennedy Institute for Information Technology, Rice University, November 2013.
595. Phase Transitions and Computational Complexity. Invited Talk, Workshop on Theoretical Foundations of Applied SAT Solving, Banff Int'l Research Station for Mathematical Innovation and Discovery, January 2014.
596. If Machines Are Capable of Doing Almost Any Work Humans Can Do, What Will Humans do? Lunch&Learn Talk, Norway House, Houston, February 2014.

597. If Machines Are Capable of Doing Almost Any Work Humans Can Do, What Will Humans do? Artificial Intelligence Summit, New York, February 2014.
598. Distinguished Lecture Series: A Logical Revolution, The Rise and Fall of Linear Temporal Logic, and Enhancing Academic Research and Scholarship. Institute of Informatics, UFRGS, Porto Alegre, Brazil, March 2014.
599. Compositional Temporal Synthesis. Invited Talk, From Programs to Systems – The Systems Perspective in Computing – ETAPS Workshop in honor of Joseph Sifakis. Grenoble, France, April 2014
600. Enhancing Academic Research and Scholarship. Invited Talk, Symposium on Modern Information and Communication Technologies in Higher Education, Rome, Italy, April 2014.
601. A Logical Revolution. Invited Lecture, Reactive Systems – Modeling, Development, and Analysis – A Conference in Honor of David Harel. Weizmann Institute of Science, Rehovot, Israel, April 2014.
602. Compositional Temporal Synthesis. Keynote Talk, 6th NASA Formal Methods Symposium, Clear Lake, TX, April 2014.
603. Compositional Temporal Synthesis. Invited Talk, Seminar on Synthesis from Components, Schloss Dagstuhl, June 2014.
604. If machines are capable of doing almost any work humans can do, what will humans do? Adult Education at Covenant Church, Houston, June 2014.
605. Philosophical Olympic Games, Federated Logic Conference, July 2014.
606. Publication Culture in Computing Research. Colloquium, Schloss Dagstuhl, Germany, July 2014.
607. The Ethics of Artificial Intelligence, Logic Lounge, Vienna Summer of Logic, July 2014.
608. Compositional Temporal Synthesis. Invited Talk, Workshop on Reactive Systems, Federated Logic Conference, Vienna, July 2014.
609. If machines are capable of doing almost any work humans can do, what will humans do? ScienceCafe, Houston, September 2014.
610. SAT Sampling and Counting: From Theory to Practice. Keynote Talk, Haifa Verification Conference, Haifa, Israel, November 2014.
611. How to Get Published. Panel for STEM Graduate Students, Rice University, November 2014.

612. A Logical Revolution. Invited Talk, Workshop on Logic in Computer Science and Artificial Intelligence, University of Rome La Sapienza, December 2014.
613. A Logical Revolution. Pune University, Pune, India, January 2015.
614. A Logical Revolution. Invited Talk, 14th Asian Logic Conference, Mumbai, India, January 2015.
615. The Rise and Fall of Linear Temporal Logic. IIT Bombay, India, January 2015.
616. Would Turing Have Passed the Turing Test? Invited Talk, Work on Beyond the Turing Test, Austin, TX, January 2015.
617. Artificial Intelligence and Technological Unemployment, Tutorial, Annual Meeting of the Association for the Advancement of Artificial Intelligence, Austin, TX, January 2015.
618. If machines are capable of doing almost any work humans can do, what will humans do? Invited Talk, Open House, Annual Meeting of the Association for the Advancement of Artificial Intelligence, Austin, TX, January 2015.
619. David: Shepherd, Warlor, King. Yom Limmud, Jewish Federation of Houston, February 2015.
620. The Rise and Fall of Linear Temporal Logic. Invited Talk, Young Researchers' Conference on Frontiers of Formal Methods, Aachen, Germany, February 2015.
621. Invited Talk, A Theory of Regular Queries. Jewels of Automata: From Mathematics to Applications. Leipzig, Germany, May 2015.
622. If machines are capable of doing almost any work humans can do, what will humans do? Honorary Doctorate Colloquium, UFRGS, Brazil, June 2015.
623. P vs. NP. Computer Science Colloquium, UFRGS, Brazil, June 2015.
624. A Logical Revolution. Computer Science, Colloquium, Rensselaer Polytechnic Institute, July 2015.