Curriculum Vitae
David Harel
April, 2024

President, Israel Academy of Sciences and Humanities, Jerusalem, Israel.

Professor, Dept. of Computer Science and Applied Mathematics, The Weizmann Institute of Science, Rehovot, Israel

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> Homepage: http://www.wisdom.weizmann.ac.il/~dharel
> Date of birth: April 12, 1950.
> Marital status: remarried, five children (aged 23 to 50); nine grandchildren (aged 1 to 24).
> Main hobbies: photography and singing.

Education:

1978: Ph.D., Computer Science, MIT, Cambridge, MA. Advisors: V.R. Pratt and A.R. Meyer. Thesis title: "Logics of Programs: Axiomatics and Descriptive Power".

1976: M.Sc., Computer Science, Tel-Aviv University, Israel. Advisor: A. Pnueli. Thesis title: "Completeness Issues for Inductive Assertions and Hoare's Method".

1974: B.Sc., Mathematics and Computer Science, Bar-Ilan University, Israel.

1968 -1971: Military Service, Israeli Defense Forces.

Main Research Topics:

Software and systems engineering, visual languages, modeling and analysis of biological systems and of art & music creation, odor reproduction and analysis, analysis of prosody. (In the past, also computability and complexity theory, logics of programs, theory of database queries, automata theory, layout of diagrams, computer science education.)

Publications:
Full list of publications available on my web page (8 authored books, 300 scientific papers, 3 patents, 41 op-ed and opinion articles on various topics). ~47,600 citations; h-index 77.

Work:

2021 - :   President, Israel Academy of Sciences and Humanities, Jerusalem, Israel.
2015 -2021 :   Vice President, Israel Academy of Sciences and Humanities, Jerusalem, Israel.
1980 - :   Dept. of Computer Science and Applied Mathematics, Weizmann Institute of Science, Rehovot, Israel;
> 1/1998 - 12/2004: Dean, Faculty of Mathematics and Computer Science
> 1990 - : The William Sussman Chair of Mathematics
> 1989 - 1995: Head, Dept. of Applied Mathematics and Computer Science

1989:   Professor; 1983: Assoc. Professor; 1980: Senior Scientist.
2012-2016:   Distinguished Visiting Professor, Technical Univ. of Eindhoven, The Netherlands.
2007:   Visiting Professor, School, of Informatics, The University of Edinburgh.
S'2008:   Visiting Scientist, Microsoft Research, Cambridge (UK).
W'2004:   Visiting Professor, The University of Singapore.
S'2003:   Visiting Professor, Computer Science Dept., University of Birmingham, UK.
2001:   Visiting Professor, VERIMAG, University of Grenoble.
1998-2001:   Founder and Chief Scientist, SenseIT Technologies, Inc. (later DigiScents, Inc).
1984-2006:   Founder and Chief Scientist, I-Logix, Inc. (sold to Telelogic, March 2006, then to IBM)
1990-1999:   Adjunct Professor, Open University, Israel.
S'1997:   Visiting Researcher, NASA Goddard Space Flight Center, Greenbelt, MD.
S'1996:   Visiting Researcher, Lucent Technologies Bell Labs., Murray Hill, NJ.
1994-1995:   Visiting Professor, Computer Science Department, Cornell University.
1986-1987:   Visiting Professor, Computer Science Department, Carnegie-Mellon University.
S'1990, S'91:   Visiting Scientist, IBM Watson Research Center, Hawthorne, NY.
1980-1987:   Part-time teaching position, Bar-Ilan University.
S'1985:   Visiting Researcher, DEC Systems Research Center, Palo Alto, CA.
1982-1984:   Consultant, R&D Department, Israel Aircraft Industries.
1978-1980:   Visiting Scientist, IBM Watson Research Center, Yorktown Heights, NY.
1972-1977:   Consulting and programming for: HOS (Cambridge, MA), Ophir-Ronen Engineers and Vardimon Engineers (Tel-Aviv), Responsa Retrieval Project and the Sociology Department (Bar-Ilan University).

Awards & Honors:

- The Yigal Alon Fellowship, 1980-1983.
- Book of the Year Award, Addison-Wesley UK, 1987.
- Best Paper Award, 10th Int'l Conf. on Software Engineering,1988.
- Spring Main Book Selection, Macmillan Library of Science, 1988.
- Levinson Prize in Mathematics, Weizmann Institute, 1990.
- ACM Karlstrom Outstanding Educator Award, 1992.
- Fellow, ACM, 1994.
- Fellow, IEEE, 1995.
- Stevens Award in Software Development Methods, 1996.
- Prime Minister's Prize for Software and Software Methods, Israel, 1997.
- Most Influential Paper Award, 20th Int'l Conf. on Software Engineering (for 1988 paper), 1998.
- Best Paper Award, IEEE Symposium on Visual Languages and Formal Methods, 2001.
- Israel Prize in Computer Science, 2004.
- Doctor Honoris Causa, University of Rennes, France, 2005.
- Fellow Honoris Causa, Open University of Israel, 2006.
- Member, Academia Europaea, 2006.
- ACM SIGSOFT Outstanding Research Award, 2006.
- Doctor (Laura) Honoris Causa, University of Milano–Bicocca, Italy, 2007.
- Fellow, AAAS, 2007
- ACM Software System Award, 2007.
- ACM SIGSOFT Impact Paper Award, 2008.
- Member, Israel Academy of Sciences and Humanities, 2010 (as of 9/2021, President).
- Eme"t Prize, 2010.
- Doctor Honoris Causa, Eindhoven Univ. of Technology, The Netherlands, 2012.

- ABZ Platinum Gold Medal for Computer Science and Computer Science Education, ETH Zurich, 2013.
- Most Influential Paper Award, VL/HCC Conference (for 2002 paper), 2012.
- Honorary Fellow, Bet Berl College, Israel, 2014.
- International Member, US National Academy of Engineering, 2014.
- International Honorary Member, American Academy of Arts and Sciences, 2014.
- Fellow, European Association of Theoretical Computer Science (EATCS), 2016.
- Life Fellow, IEEE, 2017.
- Amity Researcher Award, Amity University, Noida, India, 2019.
- International Member, US National Academy of Sciences, 2019.
- Fellow of the Royal Society (FRS), 2020.
- Fellow, Asia-Pacific Artificial Intelligence Association (AAIA), 2021.
- Foreign Member, Chinese Academy of Sciences, 2021.
- Honoris Causa Degree, Holon Institute of Technology, Israel, 2022.
- IEEE Computer Society Harlan D. Mills Award, 2023.
- Fellow, International Artificial Intelligence Industry Alliance, 2024

Special "in-honor" Events:

- *Pioneers of Computer Science: From Turing to Harel*, Symposium on the event of awarding the Doctor Honoris Causa, The Technical University of Eindhoven, April 2012.
- *Reactive Systems: Modeling, Development and Analysis*, 2 day conference celebrating 30 years of statecharts and DH's 2^6th birthday, Weizman Institute, April, 2014.
- *International Workshop on Reactive Systems: Directions in Development and Analysis*, FLoC workshop celebrating 30 years of statecharts and DH's 2^6th birthday, Vienna, July, 2014.

Professional Activities (partial list):

2021 - : President, Israel Academy of Sciences and Humanities.
2021 - : Chair, National Library of Israel Council.
2021 - : Chair, Israel Science Foundation Council.
2020-2021: Chair, Blavatnik Awards in Israel, Jury for Physical Sciences & Engineering.
2018-2021: Member, UK-Israel Science Council.
2016-2021: Member, Scientific Advisory Board, Biocity Turku Biocentre, Turku, Finland.
2015-2021: Vice President, Israel Academy of Sciences and Humanities.
2015-2021: Member, Advisory Board, The Batsheva de Rothschild Fund.
2012-2015: Member, Board of Governors, The Technion (Israel Academy of Sciences rep.)
2012-2014: Member, Academic Committee, Israel Institute for Advanced Studies, Hebrew Univ., Jerusalem.
2010-2015: Member, Steering Committee for Research in Education, Israel Academy of Sciences and Humanities.
2009-2014: Chairman, Board of the Clore Scholars Program, Clore Foundation
2009-2012: Member, Professorial Accreditation Committee for Colleges, Council for Higher Education, Israel
2008: Recipient of an EU ERC Advanced Research Grant (2.1 million Euro).
2007-2009: Member, Advisory Board, Vienna Science and Technology Fund, WWTF.
2006: General Chair, ACM/IEEE 9th Int. Conference on Model Driven Engineering Languages and Systems (MoDELS/UML '06)
2005-2011: Member, Israel Ministry of Education Committee on Computer Science.

2004:   Director, Marktoberdorf Summer School on Engineering Theories of Software Intensive Systems.
2005-2011: Member, Executive Committee, Open University, Israel.
2004-2014: Member, Beirat committee, Minerva Leibniz Center for Research in Computer Science, The Hebrew University.
2003:   Member, International Review Committee for Computer Science in the Netherlands.
2001:   Member, International Review Committee of Computer Science in the UK.
Jan. 1998 - Dec. 2004: Dean, Faculty of Mathematics and Computer Science, Weizmann Institute of Science.
1998:   Developer and host of series of 14 programs on computer science for Israeli TV.
1992-1994: Member, German/Israel Minerva Committee.
1992-1995, 2001-2017:   Member, General Council, Open University, Israel.
1990-1997: Member, Israel Ministry of Education Committee on Computer Science.
1990-1993: Science Advisor, USA/Israel Binational Science Foundation.
1989-1994: Head, Department of Applied Mathematics and Computer Science, Weizmann Institute of Science.
1989 -1994, 2001-2018 : Member, Academic Committee, Open University, Israel.
1988-1989: Member, Higher Education Council, Israel.
1987-1989: Chairman, Board of Studies Committee, Faculty of Mathematical Sciences, Weizmann Institute of Science.
1984-1985: Developed and presented series of lectures on the foundations of computer science for Israeli radio.

Editorial Boards:

- *Information and Computation*, Academic Press (1984-1996).
- *Design Automation for Embedded Systems*, Kluwer publishers (1999-2007).
- *Software and Systems Modeling*, Springer (2002-2007).
- *EATCS Texts and Monographs Series*, Springer-Verlag (2004 --).
- *Theoretical Computer Science (TCS-C),* Elsevier (2008-).
- *XRDS*, ACM's magazine for students, ACM Press (2010-).
- Advisory Board, *Software Systems and Modeling (SoSyM)*, Springer (2013-).
- *Alpayim* (in Hebrew) (2017-)

Peace and Human Rights Organizations (partial list):

- Founding member, *Joint Democratic Initiative*, Israel.
- Past Member, Leadership Team, *Israel Peace Initiative* (IPI).
- Past Member, International Council, *New Israel Fund* (NIF).
- Member, *Policy Working Group* (PWG), Israel.
- Member, *Democracy Stronghold*, Israel

Invited Plenary and Keynote Lectures (partial list, <u>only up to 2020</u>):

- Fundamentals of Computation Theory (FCT'83), Oland, Sweden, 1983.
- Concurrency '88, Hamburg, W. Germany, 1988.
- CASE in Aerospace, Defense and Electronics, Los Angeles, 1988.
- The Software Tools Symposium, Tokyo, Japan, 1989.

- Mathematical Foundations of Computer Science (MFCS'89), Warsaw, Poland, 1989.
- Trees in Algebra and Programming (CAAP'90), Copenhagen, Denmark, 1990.
- Int. Conf. on Logic Programming, Jerusalem, Israel, 1990.
- Sun Annual Lecturer, University of Manchester, UK, 1991.
- Int. Summer School on Program Design Calculi, Marktoberdorf, Germany, 1992.
- Distinguished Lecture Series, University of British Columbia, Vancouver, 1993.
- Int. Summer School on Logical Methods in Concurrency, Aarhus, Denmark, 1993.
- 4th European Software Engineering Conf. (ESEC'93), Garmisch,Germany, 1993.
- Symp. on Theoretical Aspects of Computer Science (STACS'94), France, 1994.
- Int. Workshop on Advanced Visual Interfaces (AVI'94), Bari, Italy, 1994.
- Symp. on Principles of Database Systems (PODS'94), 1994.
- European Summer Meeting of the Assoc. for Symbolic Logic, France, 1994.
- 6th Int. Conf. on Concurrency Theory CONCUR'95), Philadelphia, 1995.
- 18th Int. Conf. on Software Engineering, Berlin, 1996.
- Annual Stevens Lecture at the Conf. on Software Engineering, Education, Florida, 1996.
- CASE Japan, Tokyo, 1996.
- SOFSEM'96, Milovy, The Czech Republic, 1996.
- 1996 Asian Computer Science Conference, Singapore, 1996.
- 3rd Int. Symp. on Requirements Engineering (RE'97), Annapolis, 1997.
- Workshop on Formal Design Safety Critical Embedded Systems (FEmSys '97), Munich, 1997.
- 9th Conf. on Computer-Aided Verification (CAV'97), Haifa, 1997.
- 3rd Int. Conf. on Next Generation Inf. Tech. and Systems (NGITS'97), Neve Ilan, 1997.
- IEEE Symposium on Visual Languages (VL'97), Capri, 1997.
- TOOLS USA'97, Santa Barbara, 1997.
- FIE'97, Pittsburgh, PA, 1997.
- OOPSLA'97, 1997.
- Int. Conf. on Engineering Computer Based Systems (ECBS'98), Maale Hachamisha, Israel, 1998.
- 20th Int. Conf. on Software Engineering, Kyoto, 1998.
- Joint CSL'98 (Computer Science Logic) and MFCS'98 (Mathematical Foundations of Computer Science), Czech Republic, 1998.
- 4th Int. Conf. on Mathematics of Program Construction, Sweden, 1998.
- Conf. on Universal Machines and Computations (UMC/MCU'98), Metz, France, 1998.
- 3rd World Conf. on Integrated Design and Process Technology (IDPT'98), Berlin, 1998.
- Workshop on Constraints in Computational Logics, Ramat-Rahel, Israel, 1998.
- 2nd Int. Conf. on Complex Systems, Nashua, NH, 1998.
- Distinguished Lecture Series, INRIA, Rocquencourt, France, 1998.
- Workshop on Formal Design Safety Critical Embedded Systems (FEmSys'99), Munich, 1999.
- Workshop on Verification of Digital and Hybrid Systems, Tata Institute of Fundamental Research, Bombay, India, 1999.
- Annual Weizmann Lecture, the Royal Institution, London, 1999.
- Technology Talks, Federation of Viennese Industrialists, Austria, 1999.
- Siemens Software Initiative Summerschool, Germany, 1999.
- Annual Meeting of the Association of Teachers in Applied Computing Science, Denmark, 1999.
- 3rd Annual European Conf. on Java and Object Orientation (JAOO), Aarhus, Denmark, 1999.
- UML'99, Fort Collins, Colorado, 1999.
- Distinguished Speaker Series, Colorado State University, Boulder, 1999.

- 2nd European Joint Conf. on Theory and Practice of Software (ETAPS), Berlin, 2000.
- INRIA-CEA-EDF Summer School on Application of Formal Method Tools, France, June 2000.
- Second European Joint Conf. on Theory and Practice of Software (ETAPS), March 2000.
- Theory day, Dutch Society for Theoretical Computer Science (NVTI), March 2001.
- Univ. of Washington and Microsoft Summer Institute on Specifying and Checking Properties of Software, August 2001.
- 21st Foundation of Software Technology and Theoretical Computer Science (FSTTCS), Bangalore, India, December, 2001.
- Symposium on the Effectiveness of Logic in Computer Science, Saarbrueken, Germany, March 2002.
- Dagstuhl Seminar: "Concurrency and Dynamic Behavior Modelling: Pragmatics & Semantics", Dagstuhl, Germany, March 2002.
- Marktoberdorf Summer School on Models, Algebras, and Logic of Engineering Software, 4-lecture series, Marktoberdorf, Germany, August 2002.
- 2nd Int. Workshop on Embedded Software (EMSOFT '02), Grenoble, October 2002.
- Formal Description Techniques for Distributed Systems and Communication Protocols, and Protocol Specification, Testing and Verification (FORTE/PSTV 2002), Houston, Nov.2002.
- 2nd Int. Workshop on Embedded Software Hybrid Systems: Computation and Control (HSCC '03), Prague, April 2003.
- Perspectives in System Informatics, Conference in Memory of Andrei Ershov, Novosibirsk, July, 2003.
- 4th Advanced Course on Petri Nets, Eichstaett, Germany, September 2003.
- IEEE International Conference on Software: Science, Technology & Engineering, Herzliya, Israel, November 2003.
- 2nd TCS Excellence in Computer Science Week (TECS Week) Pune, India, January 2004.
- Fifth International Conference on Verification, Model Checking and Abstract Interpretation (VMCAI '04), Venice, January 2004.
- Third International Workshop on Integration of Specification Techniques for Applications in Engineering (INT '04), Barcelona, March 2004.
- Joint plenary session of: 16th International Conference on Computer-Aided Verification (CAV '04), and the ACM International Symposium on Software Testing and Analysis (ISSTA'04), Boston, July 2004.
- 4th Int. Conf. on Quality Software (QSIC 2004), Braunschweig, Sep. 2004.
- 1st Indian Conf. on Logic and its Relationship with Other Disciplines, Bombay, Jan. 2005.
- Distinguished Lecture Series, on the Theory and Practice of Software Development: Past and Future, TAPSOFT, Berlin, Feb. 2005.
- I&C Research Day, Ecole Polytechnique Federale de Lausanne, Switzerland, June 2005.
- 6th Int. Conf. on Systems Biology (ICSB '05), Oct. 2005.
- 1st Int. Conf. on Semantics, Knowledge and the Grid (SKG'05) Beijing, China, Nov. 2005.
- Federated Logic Conference (CAV/ICLP/IJCAR/LICS/RTA/SAT), FLoC'06, Seattle, Aug. 2006.
- Int. Conf. on Computational Methods in Systems Biology (CMSB'06), Trento, Oct. 2006.
- Winter Simulation Conference, Monterey, Dec. 2006.
- Inaugural opening lecture, Centre for Systems Biology, Univ. of Birmingham, May 2007.
- 13th Int. Meeting on DNA Computing (DNA13), Memphis, June 2007.
- European Conference on Model Driven Architecture, Berlin, June, 2008.
- Winter school in Estonia, 2008.
- Strachey Lecture, Oxford University, Jan. 2008.
- 22nd Conf. On Distributed Computing (DISC), Arcachon, France, Sep. 2008.
- Van Leeuwenhoek Lecture on Bioscience, Iniversity of Leiden, Nov. 2008.

- 2nd Int. Conf. on Simulation Tools and Techniques (SIMUTools '09), Rome, March 2009.
- 5th European Conference on Model-Driven Architecture Foundations and Applications (ECMDA), Enschede, The Netherlands, June 2009.
- IEEE International Conference on Bioinformatics and Bioengineering, Taiwan, June 2009.
- 7th ACM-IEEE Int. Conf. on Formal Methods and Models for Codesign (MEMOCODE '09), Boston, July 2009.
- 8th Int. Conf. on Artificial Immune Systems, York, August 2009.
- Haifa Verification Conference (HVC '09), Haifa, October 2009.
- Automotive and Avionics Summer School, San Diego, October 2009.
- 1st Distinguished Carl Adam Petri Lecture, Braga, Portugal, June 2010.
- 14th Inter. IEEE Enterprise Computing Conference (EDOC), Vitória, Brasil, Oct. 2010.
- 8th IEEE Int. Conf. on Software Engineering and Formal Methods (SEFM), Pisa, Italy, Sept. 2010.
- Thematic Research School of Systems Biology, Sophia-Antipolis, France, May 2011.
- 17th Inter. Symp. on Formal Methods, Limerick, Ireland, June 2011
- 11th European Conference on Artificial Life (ECAL'10), Paris, August 2011.
- Bard Workshop on Insect Reproductive Molecules, Tzuba, Israel, Jan. 2012.
- British Mathematical Colloquium (BMC), Univ. of Kent, April 2012.
- T100 Turing Centenary Symposium, Edinburgh, May 2012.
- Turing Centennial Celebration Symposium, Princeton, May 2012.
- 17th Ann. Conf. on Innovation and Technology in Computer Science Education (ITiCSE'12), Haifa, July 2012.
- Special symposium, "Pioneers of Computer Science: From Turing to Harel", Eindhoven Univ. of Technology, April 2012.
- Alan Turing Lecture, Int. Colloq. Automata, Languages and Programming (ICALP), Warwick, July 2012.
- IEEE Symposium on Visual Languages and Human-Centric Computing, Innsbruck, October 2012.
- Falling Walls conference, Berlin, November 2012.
- 12 Minutes lecture, Tzavta, Tel-Aviv, Israel, January 2013.
- 4th Swiss Day for Computer Science Education, Zurich, January 2013.
- 25th International Conference on Computer Aided Verification (CAV), Saint Petersburg, July 2013.
- DGIST Global Innovation Festival (DGIF), Daegu, Korea, November 2013.
- 1st Symposium on Intelligent Systems for Animal Welfare, London, April 2014.
- From Programs to Systems, ETAPS Workshop in honor of J. Sifakis, Grenoble, April 2014.
- From in vitro to in silico: Computer Simulation in the Life Sciences, Int. Conf., Luneburg, Germany, June 2014.
- 38th IREE International Computers, Software, and Applications Conference (COMPSAC), Västerås, Sweden, July 2014.
- 3rd International Workshop on Hybrid Systems and Biology, at CAV, Vienna, July 2014.
- International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS), Istanbul, May 2015.
- 1st Porto Meeting on Mathematics and Biology, Porto, Portugal, June 2015.
- 13th Conference on Computational Methods in Systems Biology (CMSB), Nantes, September 2015.
- 1st Int. Symp. on Dependable Software Engineering (SETTA), Nanjing, November 2015.
- The Ada Lovelace Bicentenary Lectures on Computability, IIAS, Jerusalem, Dec. 2015.
- Turing Centre Inaugural Lecture, ETH, Zurich, Apr. 2016.
- Jacques Morgenstern Colloquium, INRIA Sophia Antipolis, Nov. 2016.

- Weizmann Lecture, Univ. of Zurich, Nov. 2016.
- Embedded Systems Seminar, Holon Inst. of Technology, May 2017.
- Software Modeling Day, Ben Gurion University, June 2017.
- Magic in Science Symposium, Turku, Finland, June 2017.
- MODELSWARD 2018, Madeira, Portugal, January 2018.
- Tel-Aviv Univ. Conf. on Computational Methods for Mental Health, September 2019.
- Conf. on Beauty in Science, Israel Academy of Sciences and Humanities, February 2020.

Research Team at The Weizmann Institute:

Supervised 35 PhD students, 57 MSc students, 18 postdoctoral fellows, consultants and research fellows. Ex-students hold or held positions at The Weizmann Institute, Bar-Ilan University, The Technion, MIT, The Hebrew University, Tel-Aviv University, Cambridge University, Holon Institute of Technology, The Open University of Israel, IBM, Google, Intel, Nokia/Bell Labs.

Associate Staff Scientist

- Assaf Marron (2009- 2020)

Research Associate

- Billie Sandak (2018-2024)

Postdocs and Scientific Consultants

- Jasmin Fisher (2004)
- Hila Amir-Kroll (2005-2007)
- Avital Sadot (2008-2010)
- Shahar Maoz (2009-2010)
- Robby Lampert (2009-2011)
- Yaki Setty (2011-2012)
- Guy Weiner (2011-2012)
- Billie Sandak (2012-2018)
- Michal Gordon (2013)
- Reut Tsarfaty (2013-2014)
- Rami Marelly (2014-2016)
- Hadas Lapid (2014-2019)
- Eldad Afik (2015-2016)
- Achiya Elyasaf (2016-2017)
- Dana Sherman (2016-)
- Ariel Rosenfeld (2017-2018)
- Assaf Marron (2021-)
- Tirza Biron (2021-)

Ph.D. Students (+ means in progress):

1.   Yishai Feldman (1984)
2.   Rivi Sherman (1984; joint supervision with A. Pnueli)
3.   David Peleg   (1986)
4.   Doron Drusinsky (1988)
5.   Ron Unger (1991; joint supervision with J. Sussman.
6.   Rafi Heiman (1992; joint supervision with A. Wigderson)
7.   Yossi Feldman (1994; joint supervision with E. Shapiro)
8.   Tirza Hirst   (1996)
9.   Danny Raz   (1996)
10. Eli Singerman   (1997)
11. Sol Efroni (2004; joint supervision with I. Cohen)
12. Hillel Kugler   (2004; joint supervision with A. Pnueli)
13. Rami Marelly   (2003)
14. Yehuda Koren (2003)
15. Liran Carmel (2004)
16. Naaman Kam (2006; joint supervision with A. Pnueli and I. Cohen)
17. Aron Inger   (2007)
18. Avital Sadot (2008)
19. Yaki Setty (2008; joint supervision with I. Cohen)
20. Shahar Maoz (2009)
21. Rafi Haddad (2009; joint supervision with N. Sobel)
22. Yoram Atir (2010)
23. Itai Segall   (2010)
24. Hadas Lapid   (2011; joint supervision with N. Sobel)
25. Yaniv Saar (2011; joint supervision with A. Pnueli)
26. Michal Gordon (2012)
27. Amir Kantor (2013)
28. Naamah Bloch   (2014)
29. Giora Alexandron (2014; joint supervision with M. Armoni)
30. Guy Katz (2016)
31. Dana Sherman (2016; joint supervision with E. Ahissar)
32. Aharon Ravia (2021; joint supervision with N. Sobel)
33. +Raz Yerushalmi (joint supervision with G. Katz, HU)
34. +Nadav Timor (joint supervision with M. Gordon, HIT)
35. +Miriam Elbaz

M.Sc. Students (+ means in progress):

1.   Smadar Nehab (concurrent and/or programs).
2.   David Peleg (regular process logic).
3.   Ron Unger (predicting 3-D protein structure).
4.   Amnon Bar-Tur (statecharts for communication systems).
5.   Haim-Arie Cahana (on statecharts with overlapping.)
6.   Ido Dayan (fair termination with explicit schedulers).
7.   Tirza Hirst (pushdown automata with bounded concurrency).
8.   Moria Levi (on PDL with bounded concurrency).
9.   Masha Gelerntner (computable queries for data bases w/ incomplete information).
10. Ron Davidson (drawing graphs nicely with simulated annealing).

11. Dan Haran (knowledge-charts).
12. Danny Raz (decidability results for nonregular PDL).
13. Noa Globerman (on the power of multi-pebble automata).
14. Roy Armoni (classifying the power of bounded concurrency).
15. Nir Friedman (on the power of knowledge-charts).
16. Yael Etzion (on snake connectability problems).
17. Meir Sardas (graph drawing with heavy-duty preprocessing).
18. Ornit Grossman (on the algorithmics of higraphs).
19. Ronny Hadany (a multi-scale method for drawing graphs nicely).
20. Gregory Yashchin (algorithms for drawing blob-hierarchies).
21. Yuhuda Koren (hypergraph drawing).
22. Moshe Kaminsky (nonregular dynamic logic).
23. Hillel Kugler (from live sequence charts to state-machines).
24. Naaman Kam (using statecharts for modeling the immune system).
25. Amiel Ferman (propositional dynamic logic with one-letter program).
26. Amos Gilboa (finding multiple supersteps in LSCs).
27. Dafna Gordon (3D biological modeling).
28. Dan Barak (play-engine communication).
29. Oded Shaham (analysis and mapping of odor spaces).
30. Yoram Atir (object hierarchy in LSCs and play-in/play-out).
31. Rafi Haddad (odor receptor prediction using an eNose)
32. Itai Segall (smart play-out of multiple paths)
33. Naama Swerdlin (modeling the lymph node)
34. Liat Nakar (LSCs and design by contract)
35. Pinchas Birnbaum (modeling the ribosome)
36. Ron Merom (distributed LSCs)
37. Ouri Poupko (LSCs for web services)
38. Asaf Kleinbort (LSC compilation)
39. Amir Kantor (LSC complexity)
40. Tal Berger (LSC theory and practice)
41. Amir Nissim (fuzzy LSCs)
42. Nir Eitan (learning in BP)
43. Dana Sherman (modeling whisking neurons)
44. Guy Katz (LSC repair and verification)
45. Raviv Kribus (cell division modeling)
46. Shani Nitzan (behavioral programming of animation)
47. Anat Berkman (behavioral programming for mobile)
48. Idan Himlich (crowd programming)
49. Jordan Valansi (semantic parsing of NL to code)
50. Brit Arnon (enriching natural language programming)
51. Shlomi Steinberg (distributed scenario-based programming)
52. Yotam Hacohen (enriching statecharts with scenario-based idioms)
53. Adi Yakovian (modeling the C. elegans pharynx)
54. Livnat Ben-Hamo (educational facets of Plethora)
55. Or Perets (smart music instruments)
56. Shiri Moshe (prosody)
57. Yadin Benyamin+ (prosody)