

Adam Chapman

AFFILIATION		School of Computer Science Academic College of Tel-Aviv-Yaffo Rabenu Yeruham St., P.O.B 8401 Yaffo 6818211, Israel
PERSONAL INFORMATION	Birth Date: Citizenship: e-mail: Homepage: Phone:	1986 May 25 Israel adam1chapman@yahoo.com https://www.cs.mta.ac.il/staff/Adam_Chapman/about.html +972-548120071
EDUCATION	2009–2013 2007–2009 2002–2005	Ph.D in Mathematics, Bar-Ilan University. Thesis title: p -central Subspaces of Central Simple Algebras. Date of Approval: 05/26/2014. Advisor: Uzi Vishne. M.Sc in Mathematics, Bar-Ilan University. Thesis title: Polynomial Equations over Division Rings. Advisor: Uzi Vishne. Summa Cum Laude B.Sc in Mathematics, Bar-Ilan University.
ACADEMIC EMPLOYMENT	2020–pres. 2016–2020 2014–2016 2013–2014	Associate Professor, Academic College of Tel-Aviv-Yaffo. Senior Lecturer and Math Division Head, Tel-Hai College. Research Scholar, Michigan State University. Mentor: Rajesh Kulkarni. Visiting Researcher, Université Catholique de Louvain. Mentor: Jean-Pierre Tignol. Sponsor: Wallonie Bruxelles International.
HONORS, AWARDS, GRANTS AND FELLOWSHIPS	2023 2020 2020 2017–2019 2013–2014 2009–2013 2012 2009	Travel Grant of CNRS-IEA with Ahmed Lagribi of 8,000 euros for two years. Research Fellowship (969845L), Chateaubriand. Research Fellowship (2039q) “Integer valued octonion polynomials”, Mathematisches Forschungsinstitut Oberwolfach. Three successive annual Excellence awards, Tel-Hai College. Specialization scholarship of Wallonie-Bruxelles International. Hanasi (the president of the university) scholarship for the PhD. Rector’s prize for Excellence in the Ph.D. Wolf scholarship for the M.Sc.
TEACHING EXPERIENCE	2020–pres 2016–2020 2014–2016 2010–2013	Associate Professor, Academic College of Tel-Aviv-Yaffo. Senior Lecturer, Tel-Hai College Lecturer, Michigan State University Teaching Assistant, Bar-Ilan University
SUPERVISION	2018 2018–2020	Yarden Pasternak, undergraduate project “Solving Quaternion Polynomial Equations using SAGE”, Tel-Hai College Itai Rosenbaum, master’s thesis “Alternative Clifford Algebras”, Bar-Ilan University (with Uzi Vishne)
ORGANIZATION	2022	14th Brauer group Meeting (with Eliyahu Matzri and Uriya First), the Academic College of Tel-Aviv-Yaffo, June 27th – July 1st.

Journal publications

1. **Adam Chapman** and Uzi Vishne, *Clifford algebras of binary homogeneous forms*. Journal of Algebra, volume 366, pages 94–111, 2012.
2. **Adam Chapman**, *General Polynomials over Division Algebras and Left Eigenvalues*. Electronic Journal of Linear Algebra, volume 23, pages 508–513, 2012.
3. **Adam Chapman** and Uzi Vishne, *Square-central elements and standard generators for biquaternion algebras*. Israel Journal of Mathematics, volume 197, number 1, pages 409–423, 2013.
4. **Adam Chapman** and Jung-Miao Kuo, *On the generalized Clifford algebra of a monic polynomial*. Linear Algebra and its Applications, volume 471, pages 184–202, 2015.
5. **Adam Chapman**, *Chain Equivalences for Symplectic Bases, Quadratic Forms and Tensor Products of Quaternion Algebras*. Journal of Algebra and its Applications, volume 14, number 3, pages 1550030, 9, 2015.
6. **Adam Chapman**, *Quaternion Quadratic Equations in Characteristic 2*. Journal of Algebra and its Applications, volume 14, number 3, pages 1550033, 8, 2015.
7. Demba Barry and **Adam Chapman**, *Square-Central and Artin-Schreier Elements in Division Algebras*. Archiv der Mathematik, volume 104, number 6, pages 513–521, 2015.
8. **Adam Chapman**, *Common subfields of p -algebras of prime degree*. Bulletin of the Belgian Mathematical Society. Simon Stevin, volume 22, number 4, pages 683–688, 2015.
9. **Adam Chapman**, David Gryniewicz, Eliyahu Matzri, Louis Rowen and Uzi Vishne, *Kummer Spaces in Cyclic Algebras of Prime Degree*. Journal of Pure and Applied Algebra, volume 220, number 10, pages 3363–3371, 2016.
10. **Adam Chapman**, Andrew Dolphin and Ahmed Laghribi, *Total linkage of quaternion algebras and Pfister forms in characteristic two*. Journal of Pure and Applied Algebra, volume 220, number 11, pages 3676–3691, 2016.
11. **Adam Chapman**, *Symbol Length of p -Algebras of Prime Exponent*. Journal of Algebra and its Applications, volume 16, number 7, pages 1750136, 9, 2017.
12. **Adam Chapman** and Charlotte Ure, *Tensor Products of Cyclic Algebras of Degree 4 and their Kummer Subspaces*. Communications in Algebra, volume 45, number 3, pages 1218–1226, 2017.
13. **Adam Chapman** and Michael Chapman, *Symbol p -Algebras of Prime Degree and their p -Central Subspaces*. Archiv der Mathematik, volume 108, number 3, pages 241–249, 2017.
14. **Adam Chapman** and Casey Machen, *Standard Polynomial Equations over Division Algebras*. Advances in Applied Clifford Algebras, volume 27, number 2, pages 1065–1072, 2017.
15. **Adam Chapman**, *Kummer Subspaces of Tensor Products of Cyclic Algebras*. Proceedings of the American Mathematical Society, volume 145, number 10, pages 4247–4253, 2017.
16. **Adam Chapman** and Andrew Dolphin, *Differential Forms, Linked Fields and the u -Invariant*. Archiv der Mathematik, volume 109, number 2, pages 133–142, 2017.

17. **Adam Chapman**, Shira Gilat and Uzi Vishne, *Linkage of Quadratic Pfister Forms*. Communications in Algebra, volume 45, number 12, pages 5212–5226, 2017.
18. **Adam Chapman** and Kelly McKinnie, *Kato-Milne Cohomology and Polynomial Forms*. Journal of Pure and Applied Algebra, volume 222, number 11, pages 3547–3559, 2018.
19. **Adam Chapman**, *Common Slots of Bilinear and Quadratic Pfister Forms*. Bulletin of the Australian Mathematical Society, volume 98, number 1, pages 38–47, 2018.
20. **Adam Chapman**, Andrew Dolphin and David Leep, *Triple Linkage of Quadratic Pfister Forms*. Manuscripta Mathematica, volume 157, number 3–4, pages 435–443, 2018.
21. **Adam Chapman** and Kelly McKinnie, *The u^n -invariant and the symbol length of $H_2^n(F)$* . Proceedings of the American Mathematical Society, volume 147, number 2, pages 513–521, 2019.
22. Eyal Cornfeld and **Adam Chapman**, *Classification of crystalline topological insulators and superconductors with point group symmetries*. Phys. Rev. B, volume 99, number 7, pages 075105, 2019.
23. **Adam Chapman** and Andrew Dolphin, *Types of Linkage of Quadratic Pfister Forms*. Journal of Number Theory, volume 199, pages 352–362, 2019.
24. **Adam Chapman** and Uzi Vishne, *The Alternative Clifford Algebra of a Ternary Quadratic Form*. Communications in Algebra, volume 47, number 10, pages 3987–3994, 2019.
25. **Adam Chapman** and Jean-Pierre Tignol, *Linkage of Pfister forms over $\mathbb{C}(x_1, \dots, x_n)$* . Annals of K-Theory, volume 4, number 3, pages 521–524, 2019.
26. Demba Barry, **Adam Chapman** and Ahmed Laghribi. *The descent of biquaternion algebras in characteristic two*, Israel Journal of Mathematics, volume 235, number 1, pages 295–323, January 2020.
27. **Adam Chapman**, *Linkage of Symbol p -Algebras of Degree 3*. Archiv der Mathematik, volume 114, number 4, pages 391–398, 2020.
28. **Adam Chapman**, *Field of Iterated Laurent Series and its Brauer Group*. Bulletin of the Belgian Mathematical Society. Simon Stevin, volume 27, number 1, pages 1–6, 2020.
29. **Adam Chapman**, *Polynomial Equations over Octonion Algebras*. Journal of Algebra and its Applications, volume 19, number 6, 2050102, 10 pages, 2020.
30. **Adam Chapman**, *Factoring Octonion Polynomials*. International Journal of Algebra and Computation, volume 30, number 7, pages 1457–1463, 2020.
31. **Adam Chapman** and Kelly McKinnie, *Essential Dimension, Symbol Length and p -rank*. Canad. Math. Bull., volume 63, number 4, pages 882–890, 2020.
32. **Adam Chapman** and Solomon Vishkautsan, *Fixed Points of Polynomials over Division Rings*. Bull. Aust. Math. Soc. 104, no. 2, 256–262, 2021.
33. **Adam Chapman**, *Linkage of Sets of Quaternion Algebras in Characteristic 2*. Comm. Algebra 49, no. 9, 3680–3684, 2021.
34. **Adam Chapman**, *Linkage of Sets of Cyclic Algebras*. J. Pure Appl. Algebra 226, no. 3, Paper No. 106855, 6 pp, 2022.
35. **Adam Chapman**, *Symbol Length of Classes in Milnor K -groups*, Algebra i Analiz 34 no. 4, 214–221, 2022.

36. **Adam Chapman** and Solomon Vishkautsan, *Roots and Dynamics of Octonion Polynomials*. Communications in Mathematics 30, no. 2, 25–36, 2022.
37. **Adam Chapman**, *Octonion Polynomials with Values in a Subalgebra*, European Journal of Mathematics 9, no. 1, 4th paper, 2023.
38. **Adam Chapman**, Letterio Gatto and Louis Rowen, *Clifford Semialgebras*. Rendiconti del Circolo Matematico di Palermo (2) 72, no. 2, 1197–1238, 2023.
39. **Adam Chapman**, Alexander Guterman, Solomon Vishkautsan and Svetlana Zhilina, *Roots and Critical Points of Polynomials over Cayley-Dickson Algebras*, Communications in Algebra 51, no. 4, 1355-1369, 2023.
40. **Adam Chapman** and Kelly McKinnie, *Asymptotic Brauer p -Dimension*. Algebra and coding theory, Contemporary Mathematics 785, American Mathematical Society, pages 57–66, 2023.
41. **Adam Chapman**, Mathieu Florence and Kelly McKinnie, *Common splitting fields of symbol algebras*. Manuscripta Mathematica, volume 171, number 3–4, pages 649–662, 2023.
42. **Adam Chapman** and Kelly McKinnie, *Biquaternion Algebras, Chain Lemma and Symbol Length*. Mediterranean Journal of Mathematics, volume 20, number 5, paper number 255, 2023.
43. **Adam Chapman** and Ilan Levin, *Chain Lemma, Quadratic Forms and Symbol Length*, Bulletin of the Belgian Mathematical Society. Simon Stevin, volume 30, number 2, pages 237–245, 2023.
44. **Adam Chapman**, *Essential Dimension of Central Simple Algebras of Degree 8 and Exponent 2 in Characteristic 2*, Journal of Algebra and its Applications, volume 22, number 11, paper number 2350240, 2023.
45. **Adam Chapman** and Ilan Levin, *Alternating Roots of Polynomials over Cayley-Dickson Algebras*, Communications in Mathematics, volume 32, number 2, pages 63–70, 2024.
46. **Adam Chapman** and Anne Quéguiner-Mathieu, *Minimal quadratic forms for the function field of a conic in characteristic 2*, Proceedings of the Centennial Amitsur Symposium, AMS Contemp. Math. 800, American Mathematical Society, pages 117–127, 2024.

Accepted

47. **Adam Chapman** and Elad Paran, *Fixed points and orbits in skew polynomial rings*, Journal of Algebra and its Applications.
48. **Adam Chapman** and Solomon Vishkautsan, *Roots and right factors of polynomials and left eigenvalues of matrices over Cayley-Dickson algebras*, Communications in Mathematics.
49. **Adam Chapman**, *Linkage and Essential p -Dimension*, Rendiconti del Circolo Matematico di Palermo.
50. **Adam Chapman**, *Spaces with Vanishing Characteristic Polynomials*, Algebra Colloquium.
51. **Adam Chapman** and Ilan Levin, *Invariant for Sets of Pfister Forms*, Proceedings of the conferences: NonCommutative Rings and their Applications, VIII and Quadratic Forms, Rings and Codes, AMS Contemp. Math.

Outreach Articles

- i Tom Bielik and **Adam Chapman**, *Stuck at the border*, Alaxon, October 13th, 2021.
- ii Tom Bielik and **Adam Chapman**, *Germes of Knowledge*, Alaxon, February 14th, 2022.
- iii Tom Bielik and **Adam Chapman**, *Fluent in Science*, Alaxon, May 16th, 2022.
- iv Tom Bielik and **Adam Chapman**, *Knowing above and beyond*, Alaxon, December 26th, 2022.
- v Tom Bielik and **Adam Chapman**, *Swimming against the flow*, Davidson Institute, April 8th, 2023.
- vi **Adam Chapman**, *Experts on what*, Alaxon, June 26th, 2023.
- vii **Adam Chapman**, *Who are Jews*, Alaxon October 4th, 2023.

MATHEMATICAL
COMMUNITY
SERVICE

Editor in Communications in Mathematics, as of December 2023.
 Guest Editor in Special issue (Volume 32 (2024), Issue 2) CIMPA schools Nonassociative Algebras and related topics, Brazil 2023 and Current Trends in Algebra, Philippines 2024
 Judge for Richard Ng'ambi's PhD thesis, University of Pretoria (2021).
 Judge for Inon Attias's master's thesis, Academic College of Tel-Aviv-Yaffo (2021).
 Judge for Eiran Danan's master's thesis, Open University, Israel (2020).
 Judge for Jasmin Omanovich's PhD thesis, Western University, Ontario, Canada (2019).
 Judge for FONDECYT-CHILE (since 2018).
 Judge for MATH AmSud (since 2020).
 Judge for ISF (since 2021).
 Reviewer for AMS Reviews (since 2013), for zbMath (since 2017) and Qeios (since 2023).
 Referee for the Mediterranean Journal of Mathematics (since 2013), Linear and Multilinear Algebra (since 2015), Proceedings of the American Mathematical Society (since 2016), Bulletin of Australian Mathematical Society (since 2017), Algebra and Representation Theory (since 2017), Communications in Algebra (since 2017), Annales Mathematicae et Informaticae (since 2017), Journal of Algebra (since 2017), Journal of Pure and Applied Algebra (since 2017), European Journal of Mathematics (since 2017), Acta Arithmetica (since 2018), Pacific Journal of Mathematics (since 2019), Journal of Algebra and Its Applications (since 2019), Notices of the AMS (since 2020), Notes on Number Theory and Discrete Mathematics (since 2020), Glasnik Matematicki (since 2020), Acta Mathematica Hungarica (since 2020), Advances in Applied Clifford Algebra (since 2021), Mathematical Methods in Applied Sciences (since 2021), American Mathematical Monthly (since 2021), Journal of Number Theory (since 2021), Communications in Mathematics (since 2021), Canadian Journal of Mathematics (since 2021), Canadian Mathematical Bulletin (since 2022), Electronic Journal of Linear Algebra (since 2022), Analele Stiintifice ale Universitatii Ovidius Constanta (since 2023), South East Asian Journal of Mathematics and Mathematical Sciences (since 2023), Transactions of the AMS (since 2024), Afrika Matematika (since 2024) and journal de theorie des nombres de bordeaux (since 2024).

CONFERENCE
TALKS

- 11/16/2011 Trends in Mathematics - Young Researchers Session, Tel-Aviv University:
Generalized Clifford Algebras.
- 07/17/2012 Amitsur Memorial Symposium, Tel-Aviv University:
Generalized Clifford Algebras (Poster).
- 08/06/2012 10th Brauer Group Conference, Pingree Park, Colorado:
Generalized Clifford Algebras.
- 06/10/2013 Mini-course on quadratic forms etc., Université d'Artois, Lens:

- Square-central elements and standard generators for biquaternion algebras.
- 07/19/2013 Classical Aspects of Ring Theory and Module Theory, Bedlewo: The Finite Linearization Problem.
- 06/17/2014 Second Joint International Meeting of the IMU and the AMS, Bar-Ilan:
Chain Equivalences for Symplectic Bases, Quadratic Forms and Tensor Products of Quaternion Algebras.
- 03/14/2015 Central Spring Sectional Meeting, Michigan State University: Clifford Algebras of Binary Cubic Forms in Characteristic 3.
- 03/28/2015 Spring Southeastern Sectional Meeting, University of Alabama in Huntsville:
Subfields of quaternion algebras in characteristic 2.
- 06/11/2015 12th Brauer Group Conference, Pingree Park, Colorado: Kummer Spaces.
- 06/16/2015 Mini-course on linear algebraic groups etc., Université d'Artois, Lens:
Clifford Algebras of 2-Covers of Projective Varieties.
- 06/02/2016 Mini-course on commutative algebraic groups etc., Université d'Artois, Lens:
Linkage of cyclic division p-algebras of prime degree.
- 01/12/2018 Quadratic Forms in Chile 2018, Universidad de Talca:
The u -Invariant and the Symbol Length in Kato-Milne Cohomology.
- 04/29/2018 Quadratic Forms over Fields and Related Structures, Oberwolfach: Linkage in Kato-Milne Cohomology.
- 10/19/2018 Special Seminaire Variétés Rationnelle in honor of Philippe Gille's 50th anniversary, Institut Henri Poincaré, Paris:
Common Slots of Bilinear and Quadratic Pfister Forms.
- 03/24/2019 Spring Central and Western Joint Sectional Meeting, University of Hawaii at Manoa, Honolulu:
Types of Linkage of Quaternion Algebras.
- 09/09/2019 Emerging Research in Algebraic Groups, Motives and K -Theory, Euler International Mathematical Institute, St. Petersburg:
Linkage of Sets of Quaternion Algebras.
- 07/08/2021 Quadratic Forms, Rings and Codes, Laboratoire de Mathématiques de Lens, Unité de Recherche UR 2462
 n -Linked Fields of Characteristic 2.
- 08/30/2021 CIMPA 2021 Non-associative Algebras and their Applications, University of Antananarivo (Madagascar)
Factoring Octonion Polynomials.
- 11/01/2021 Amitsur Centennial Symposium, at the IIAS
The essential dimension of central simple algebras in the bad characteristic case.
- 12/25/2022 Research Day at the Academic College of Tel-Aviv-Yaffo
The meeting of the two Seas.
- 09/18/2023 European Non-Associative Algebra Seminar
Roots and Critical Points of Polynomials over Cayley-Dickson Algebras
- 10/08/2023 Motives and Invariants: Theory and Applications to Algebraic Groups and their Torsors, BIRS
Minimal Forms for Conics

SEMINAR TALKS

- 05/04/2011 Algebra Colloquium, Bar-Ilan University:
Generalized Clifford Algebras.
- 11/28/2012 ENI Seminar, Bar-Ilan University:
Generalized Clifford Algebras.
- 01/17/2013 Algebra Seminar, Technion:
 p -central Elements in Division Algebras.
- 03/25/2013 Algebra Seminar, University of Georgia, Athens:
Clifford algebras of quadratic projective varieties.
- 06/05/2013 ENI Seminar, Bar-Ilan University:
Chain Lemma for Biquaternion Algebras.
- 12/25/2013 Algebra Colloquium, Bar-Ilan University:
Division algebras with involution over fields of cohomological dimension 2.
- 12/26/2013 Algebra Seminar, Technion:
Clifford Algebras of Binary Cubic Forms in Characteristic 3.
- 01/01/2014 Field Arithmetic Seminar, Tel-Aviv University:
Subfields of Quaternion Algebras.
- 01/02/2014 Algebra Seminar, Ben-Gurion University:
Alternating Bilinear Forms, Quadratic Forms and Tensor Products of Quaternion Algebras.
- 02/24/2014 Algebra and Number Theory Seminar, University College Dublin:
Symplectic Groups, Quadratic Forms and Tensor Products of Quaternion Algebras.
- 02/26/2014 Algebra Seminar, University of Edinburgh:
Clifford Algebras of Binary Cubic Forms in Characteristic 3.
- 03/05/2014 Algebra Seminar, Laboratoire de Mathématiques de Lens:
Subfields of Quaternion Algebras.
- 03/14/2014 Algebra Seminar, University of Antwerp:
Quadratic Forms and Chain Equivalences.
- 04/08/2014 Algebra Seminar, Université Catholique de Louvain:
Monomial Kummer Subspaces of Cyclic Algebras.
- 06/23/2014 Group Theory Seminar, Université Catholique de Louvain:
Kummer Subspaces of Tensor Products of Cyclic Algebras.
- 07/01/2014 Doktoranden-Seminar der Algebraiker, University of Wuppertal
Kummer Subspaces of Tensor Products of Cyclic Algebras.
- 09/17/2014 Algebra Seminar, Michigan State University
Symplectic Groups, Quadratic Forms and Tensor Products of Quaternion Algebras.
- 09/29/2014 Group, Lie and Number Theory Seminar, University of Michigan
Kummer spaces in central simple algebras.
- 12/03/2014 Algebra Seminar, University of Alberta
Kummer spaces in central simple algebras.
- 12/24/2014 Algebra Seminar, Bar-Ilan University
Subfields of Quaternion Algebras.
- 12/24/2014 Field Arithmetic Seminar, Tel-Aviv University
Brauer Groups, Cyclic Algebras and Kummer Spaces.
- 02/03/2015 Algebra Seminar, Indiana University, Bloomington
Subfields of Quaternion Algebras in Characteristic 2.
- 03/06/2015 Algebra Seminar, University of Western Ontario, London
Chain lemma for Tensor Products of Quaternion Algebras.
- 04/29/2015 Algebra Seminar, University of Virginia
Kummer spaces in central simple algebras.
- 11/04/2015 Algebra Seminar, University of Kentucky, Lexington
The Word Problem for the Brauer Group.
- 12/22/2015 Mathematics Seminar, ORT Braude College, Carmiel

12/27/2015 Division Algebras.
 Mathematics Colloquium, Holon Institute of Technology
 Division Algebras.
 12/28/2015 Computer Science Seminar, Tel-Aviv-Yaffo Academic College
 Division Algebras.
 01/20/2016 Algebra Seminar, University of Waterloo
 Linkage of p -algebras of prime degree.
 01/27/2016 Algebra and Combinatorics Seminar, Central Michigan University
 Linkage of p -algebras of prime degree.
 02/12/2016 Algebra Seminar, University of Western Ontario, London
 Linkage of p -algebras of prime degree.
 03/03/2016 Algebra Seminar, University of California, San Diego
 Linkage of p -algebras of prime degree.
 08/29/2016 Math Colloquium, University of Montana, Missoula
 Linkage of p -algebras of prime degree.
 08/30/2016 Algebra Seminar, University of Montana, Missoula
 Non-Isomorphic Quaternion Algebras of the same Genus in Characteristic 2.
 01/25/2017 Field Arithmetic Seminar, Tel-Aviv University, Tel-Aviv
 Linked Fields of Characteristic 2 and their u -Invariant.
 02/28/2017 Algebra Seminar, University of Waterloo
 Linked Fields of Characteristic 2 and their u -Invariant.
 03/01/2017 Algebra Seminar, University of Western Ontario, London
 Linked Fields of Characteristic 2 and their u -Invariant.
 05/04/2017 Algebra Seminar, Technion, Haifa
 Linked Fields of Characteristic 2 and their u -Invariant.
 09/14/2017 Algebra Seminar, Emory University, Atlanta, Georgia
 Linked Fields of Characteristic 2 and their u -Invariant.
 01/18/2018 Algebra Seminar, Haifa University, Israel
 Vanishing Cohomology Groups.
 01/31/2018 Algebra Seminar, University of Amsterdam, Netherlands
 Triple Linkage in Milnor K-Theory and Kato-Milne Cohomology.
 03/07/2018 Algebra Seminar, Bar-Ilan University
 The u -Invariant and the Symbol Length in Kato-Milne Cohomology.
 10/17/2018 Algebra Seminar, Bar-Ilan University
 Common Slots of Bilinear and Quadratic Pfister Forms.
 11/08/2018 Algebra Seminar, Technion
 Common Slots of Bilinear and Quadratic Pfister Forms.
 12/03/2018 Algebra Seminar, University of Edinburgh
 Alternative Clifford Algebras.
 12/06/2018 Algebra Seminar, University of Aberdeen
 Linkage of Quaternion Algebras.
 03/20/2019 Algebra Seminar, University of Alberta, Edmonton
 Symbol Length in Galois Cohomology and the u -invariant.
 02/21/2020 Number Theory Seminar, Northwestern University, Evanston, Illinois
 The u -Invariant and other Field Invariants.
 02/25/2020 Algebra Seminar, University of Montana, Missoula, Montana
 The u -Invariant and other Field Invariants.
 12/30/2020 Algebra Seminar, Bar-Ilan University
 Minimal Forms for Conics.
 11/23/2022 Algebra Seminar, Bar-Ilan University

- Essential Dimension of Central Simple Algebras of Degree 8 and Exponent 2.
11/16/2023 Algebra Seminar, Laboratoire de Mathématiques de Lens:
Linkage of p -Algebras of non-prime Degree.
05/15/2024 Algebra Seminar, Bar-Ilan University
Spaces with Vanishing Characteristic Coefficients.

Miscellaneous

Taking part in various science competitions during the B.Sc and high-school, such as the Bar-Ilan Mathematics Competition (third place in 2005) and the Tournament of the Towns (honorable mention in 2004).

Fluent English and Hebrew and basic French and German.

Musical activity: playing the cello, the viola da gamba and the piano, and singing (tenor); participating in several ensembles, including Shahar Choir.

Service as an officer in IDF from November 2005 to May 2010 (release rank: Captain).