

Rahim Nazim Moosa

University of Waterloo, Department of Pure Mathematics, 200 University Ave. West
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Research Interests

Logic (model theory), interactions with algebraic geometry.

Education

Ph.D. in Mathematics University of Illinois at Urbana-Champaign, 2001
Thesis: *Contributions to the Model Theory of Fields and Compact Complex Spaces*
Advisor: Anand Pillay

B.ArtsSc. (Hons.) McMaster University, 1996

Academic Positions

Chair Pure Mathematics Department, University of Waterloo *July 2026 – present*

Professor University of Waterloo *July 2015 – present*

Associate Professor University of Waterloo *July 2009 – June 2015*

Assistant Professor University of Waterloo *July 2004 – June 2009*

CLE Moore Instructor MIT *July 2002 – June 2004*

NSERC Postdoctoral Fellow Fields Institute *July 2001 – June 2002*

Visiting Assistant Professor UC Berkeley *August 2001 – May 2002*

Honours

CMS Fellow *Inducted December 2025*

Outstanding Performance Award Faculty of Math, Waterloo *May 2025*

HN Gupta Memorial Lecturer, University of Regina *April 2025*

Research Chair Faculty of Math, Waterloo *Jan. 2023 – Dec. 2025*

Grants Awarded

NSERC Discovery Grants	<i>2005–</i>
Current: \$275,000 (2026–2031)	
Past: \$135K(2021–2026), \$100K (2015–2021), \$120K (2010–2015), \$80K (2005–2010)	
Faculty of Math Research Chair \$150,000	<i>2023–2026</i>
NSERC Discovery Accelerator Supplement \$120,000	<i>2015–2018</i>
Fields Thematic Programme \$450,000	
(with D. Haskell, F. Loeser, D. Marker, T. Scanlon, C. Terry)	<i>July–Dec. 2021</i>
Fields Institute Workshop Grants	
\$40,000 (with J. Bell, A Padgett)	<i>June 2025</i>
\$15,000 (with J. Bell, Z. Chatzidakis, M. Kamensky)	<i>July 2019</i>
\$20,000 (with A. Pillay and M. Wibmer)	<i>July 2017</i>
\$15,000 (with J. Bell and Z. Chatzidakis)	<i>July 2016</i>

Editorial and Review Positions

ERC Advanced Grant Evaluation Panel Member (PE1)	<i>2023</i>
Founding Editor-in-Chief <i>Model Theory</i>	<i>2021 –</i>
Associate Editor	<i>2021 –</i>
<i>Canadian Journal of Mathematics</i>	
<i>Canadian Mathematical Bulletin</i>	
<i>Canadian Mathematical Communications</i>	
Reviews Editor <i>The Bulletin of Symbolic Logic</i>	<i>2011 – 2021</i>

Visiting Positions

Visiting Researcher Fields Institute, Toronto	<i>July–December 2021</i>
CARMIN Visiting Researcher IHES and IHP, Paris	<i>January–July 2018</i>
Member MSRI, Berkeley	<i>January–May 2014</i>
Scientific Member Max Planck Institute, Bonn, Germany	<i>April–June 2012</i>
Programme Participant Isaac Newton Inst., Cambridge, UK	<i>May–July 2005</i>

Articles Under Review

50. A differential analogue of the wild automorphism conjecture (with J Bell, C. Ingalls, and M. Satriano) Submitted, 9pp.
49. Definable Galois theory for bimeromorphic geometry (with A. Pillay) Submitted, 33pp.
48. A transformal transcendence result for algebraic difference equations (with M. Kamensky) Submitted, 32pp.
47. Six lectures on model theory and differential-algebraic geometry Submitted, 21pp.

Refereed Publications

46. Binding groups for algebraic dynamics (with M. Kamensky) To appear in *Algebra & Number Theory*, 40pp.
45. Model theory and the DME: a survey. To appear in *Research Trends in Contemporary Logic* (Eds M. Fitting et al), 17pp.
44. Differential-algebraic permutation groups (with J. Freitag and L. Jimenez) *Journal de l'Institut de Mathématiques de Jussieu*, 24(2): 602–626, 2025.
43. Abelian reduction in differential-algebraic and bimeromorphic geometry (with R. Jaoui) *Annales de l'Institute Fourier*, 75(4):1811–1853, 2025.
42. Effective isotrivial Mordell-Lang in positive characteristic (with J. Bell and D. Ghioca) *American Journal of Mathematics*, 147(2):279–328, 2025.
41. Bounding nonminimality and a conjecture of Borovik-Cherlin (with J. Freitag) *Journal of the European Mathematical Society*, 27(2):589–613, 2025.
40. On invariant rational functions under rational transformations (with J. Bell and M. Satriano) *Selecta Mathematica*, 30(3), Paper No. 53, 23pp, 2024.
39. A model theory for meromorphic vector fields *Model Theory* (Special issue dedicated to Boris Zilber) 3(2):259–283, 2024.
38. The degree of nonminimality is at most two (with J. Freitag and R. Jaoui) *Journal of Mathematical Logic* 23(3), Paper No. 2250031, 6pp., 2023.
37. Commutative bidifferential algebra (with O. Leon Sanchez) *Journal of Algebra*, 609: 764–791, 2022.

36. When any three solutions are independent¹ (with J. Freitag and R. Jaoui)
Inventiones Mathematicae doi.org/10.1007/s00222-022-01143-8, 13pp., 2022.
35. Invariant hypersurfaces (with J. Bell and A. Topaz)
Journal de l'Institut de Mathématiques de Jussieu, 21 (2): 713–739, 2022.
34. Internality of logarithmic-differential pullbacks (with R. Jin)
Transactions of the American Mathematical Society, 373 (7):4863–4887, 2020.
33. F -sets and finite automata (with J. Bell)
Journal de Théorie des Nombres de Bordeaux, 31 (1):101–130, 2019.
32. Isolated types of finite rank: an abstract Dixmier-Moeglin equivalence
(with O. León Sánchez)
Selecta Mathematica, 25 (1), Paper No. 10, 10pp., 2019.
31. Functoriality and uniformity in Hrushovski's groupoid-cover correspondence
(with L. Haykazyan)
Annals of Pure and Applied Logic, 169 (8):715–730, 2018.
30. D -groups and the Dixmier-Moeglin equivalence (with J. Bell and O. León Sánchez)
Algebra & Number Theory, 12 (2):343–378, 2018.
29. Finiteness theorems on hypersurfaces in partial differential-algebraic geometry
(with J. Freitag)
Advances in Mathematics, 314:726–755, 2017.
28. Model theory of compact complex manifolds with an automorphism
(with M. Bays and M. Hils)
Transactions of the American Mathematical Society, 369(6):4485–4516, 2017.
27. Poisson algebras via model theory and differential-algebraic geometry
(with J. Bell, S. Launois, and O. Leon Sanchez)
Journal of the European Mathematical Society, 19(7):2019–2049, 2017.
26. The model companion of differential fields with free operators
(with O. Leon Sanchez)
Journal of Symbolic Logic, 81(2):493–509, 2016.
25. Differential-algebraic jet spaces preserve internality to the constants
(with Z. Chatzidakis and M. Harrison-Trainor)
Journal of Symbolic Logic, 80(3):1022–1034, 2015.
24. A note on subvarieties of powers of OT-manifolds (with M. Toma)
Bulletin de la Société des Sciences Mathématiques de Roumanie, 58(3):311–316, 2015.

¹This paper was the subject of a Séminaire Bourbaki by Amador Martin-Pizarro, November 2025.

23. Model theory of fields with free operators in characteristic 0
(with T. Scanlon)
Journal of Mathematical Logic, 14(2), 1450009, 43pp., 2014.
22. Some model theory of fibrations and algebraic reductions (with A. Pillay)
Selecta Mathematica, 20(4):1067–1082, 2014.
21. Countably categorical strongly minimal compact complex manifolds
(with A. Pillay)
Proceedings of the American Mathematical Society, 140(5):1785–1801, 2012.
20. Nonstandard methods for bounds in differential polynomial rings
(with M. Harrison-Trainor and J. Klys)
Journal of Algebra, 360:71–86, 2012.
19. A model-theoretic counterpart to Moishezon morphisms
Models, Logics and Higher-Dimensional Categories, (Eds. B. Hart et al)
CRM Proceedings and Lecture Notes, AMS, 53:177–188, 2011.
18. Generalised Hasse-Schmidt varieties and their jet spaces (with T. Scanlon)
Proceedings of the London Math. Society, 103(2):197–234, 2011.
17. Model theory and complex geometry (Feature article, invited submission)
Notices of the American Mathematical Society, 57(2):230–235, 2010.
16. Jet and prolongation spaces (with T. Scanlon)
Journal de l'Institut de Mathématiques de Jussieu, 9(2):391–431, 2010.
15. On canonical bases and internality criteria (with A. Pillay)
Illinois Journal of Mathematics, 52(3):901–917, 2008.
14. An essentially saturated surface not of Kähler-type
(with R. Moraru and M. Toma)
Bulletin of the London Mathematical Society, 40(5):845–854, 2008.
13. Differential arcs and regular types in differential fields
(with A. Pillay and T. Scanlon)
Journal für die reine und angewandte Mathematik, 620:35–54, 2008.
12. K -analytic vs CCM-analytic sets in nonstandard compact complex manifolds
(with S. Starchenko)
Fundamenta Mathematicae, 198(2):139–148, 2008.
11. Model Theory and Kähler Geometry (with A. Pillay)
Model Theory with Applications to Algebra and Analysis Vol. 1
(Eds. Z. Chatzidakis et al), Cambridge University Press, 167–195, 2008.
10. Stable definability and generic relations (with B. Kim)
Journal of Symbolic Logic, 72(4):1163–1176, 2007.

9. Division points on subvarieties of isotrivial semiabelian varieties (with D. Ghioca)
International Mathematics Research Notices, Article ID 65437, 23pp., 2006.
8. Strongly minimal groups in the theory of compact complex spaces
(with M. Aschenbrenner and T. Scanlon)
Journal of Symbolic Logic, 71(2):529–552, 2006.
7. On saturation and the model theory of compact Kähler manifolds
Journal für die reine und angewandte Mathematik, 586:1–20, 2005.
6. The model theory of compact complex spaces.
Logic Colloquium '01 (Eds. M. Baaz et al)
Association for Symbolic Logic, 317–349, 2005.
5. A nonstandard Riemann existence theorem
Transactions of the American Mathematical Society, 356(5):1781–1797, 2004.
4. F -structures and integral points on semi-abelian varieties over finite fields
(with T. Scanlon)
American Journal of Mathematics, 126(3):473–522, 2004.
3. The Mordell-Lang conjecture in positive characteristic revisited
(with T. Scanlon)
Model Theory and Applications (Eds. L. Bélair et al),
Seconda Università di Napoli, 275–296, 2002.
2. On difference fields with quantifier elimination
Bulletin of the London Mathematical Society, 33(6):641–646, 2001.
1. A note on uniform definability and minimal fields of definition
Journal of Symbolic Logic, 65(2):817–821, 2000.

Invited Participation at **Institute Workshops**

Fields Institute Toronto

Trends in Pure and Applied Model Theory

July 1 – December 31, 2021

Institut Henri Poincaré Paris, France

Model Theory and Applications

March 26–30, 2018

Luminy CIRM, France

Alg., Arith. and Comb. of Difference/Differential Equations *May 28–June 1, 2018*

Model Theory, Difference/Differential Equations and Applications *April 7–10, 2015*

The Geometry of the Frobenius Automorphism

March 25–29, 2013

MODNET workshop on Model Theory of Fields

November 12–16, 2007

Oberwolfach Mathematisches Forschungsinstitut, Germany	
Model Theory: groups, geometries and combinatorics	<i>January 2020</i>
Model Theory: groups, geometry, and combinatorics	<i>January 3–9, 2016</i>
Around Valued Fields and Dependent Theories	<i>January 3–9, 2010</i>
Model Theory and Groups	<i>January 14–20, 2007</i>
Model Theory and Complex Analytic Geometry	<i>July 18–24, 2004</i>
Durham Symposium London Math. Society, United Kingdom	
New Directions in the Model Theory of Fields	<i>July 20–30, 2009</i>
BIRS Alberta	
Alg. Dynamics and Difference/Differential Eqns	<i>November 14–19, 2021</i>
Stability Theoretic Methods in Unstable Theories	<i>February 8–13, 2009</i>
Interactions between Model Theory and Geometry	<i>March 13–18, 2004</i>

Invited in-person **Talks** of the last eight years

DART XIV	<i>May 2026</i>
Ile d'Oléron, France	
“Around the wild automorphism conjecture”	
Berkeley Model Theory Seminar	<i>April 2026</i>
<i>University of California, Berkeley, USA</i>	
“Disintegration and quantifier-free types in ACFA”	
Lyon Model Theory Seminar	<i>March 2026</i>
<i>Université Lyon 1, France</i>	
“Disintegration and quantifier-free types in ACFA”	
JMM-ASL Invited Address	<i>January 2026</i>
Washington DC, USA	
“Recent advances in the model theory of algebraic dynamics”	
Colloque des Sciences Mathématiques du Québec	<i>November 2025</i>
<i>Université de Montreal, Québec</i>	
“Recent advances in the model theory of algebraic dynamics”	
Model Theory at Notre Dame	<i>October 2025</i>
<i>University of Notre Dame, USA</i>	
“Disintegration and quantifier-free types in ACFA”	
Istanbul Model Theory Days	<i>May 2025</i>
<i>Bosphorus University, Istanbul, Turkiye</i>	
“Minimality in algebraic dynamics”	

- H.N. Gupta Memorial Lecture** *April 2025*
University of Regina, Saskatchewan
 “When any three solutions are indepent”
- Descriptive Dynamics and Combinatorics Seminar** *February 2025*
McGill University, Montreal
 “When any three solutions are indepent”
- Geometry from the model theorist’s perspective** *September 2024*
Oxford University, United Kingdom
 “Quantifier-free binding groups in ACFA”
- Logic at Maryland** *August 2024*
University of Maryland, College Park
 “Quantifier-free binding groups in ACFA”
- Ontario Graduate Mathematics Conference, Plenary Speaker** *June 2024*
University of Waterloo
 “Model theory and algebraic differential equations”
- CMS Annual Meeting, Saskatoon** *June 2024*
 Mathematical logic in Canada, Special Session
 “Primitive permutation groups in differentially closed fields”
- Model Theory Conference** *September 2023*
Wroclaw, Poland
 “Bounding nonorthogonality”
- Model Theory and Related Topics** *July 2023*
Manchester University, United Kingdom
 “Invariant rational functions and translation varieties”
- Hebrew University Logic Seminar** *May 2023*
Jerusalem, Israel
 “Bounding nonorthogonality”
- Math Departmental Colloquium** *May 2023*
Ben Gurion University, Israel
 “Recent applications of model theory to algebraic vector fields I, II, III”
- Math Departmental Colloquium** *April 2023*
University of Notre Dame, Indiana
 “Recent applications of model theory to algebraic vector fields”
- McMaster Logic Seminar** *January 2023*
 “Degree of nonminimality is at most two”

- Joint Math. Meetings**, Boston *January 2023*
 Definability, Computability, and Model Theory, Special Session
 “Two recent application of the model theory of differentially closed fields”
- Model Theory Conference** *December 2022*
 Będlewo, Poland
 “Degree of nonminimality is at most two”
- Practical and Structural Model Theory** *July 2022*
 Leeds University, United Kingdom
 “Abelian reduction and internality to the constants”
- Manchester Logic Seminar** *July 2022*
 “Degree of nonminimality is at most two”
- Alg. Dynamics and Difference/Differential Eqns** *November 2021*
 BIRS, Alberta
 “Bidifferential algebraic geometry”
- Trends in Pure and Applied Model Theory** *October 2021*
 Fields Institute, Toronto
 “When any three solutions are independent”
- Interactions between Representation Theory and Model Theory** *July 2019*
 University of Kent, United Kingdom
 “Model theory and the DME”
- Manchester Logic Seminar** *July 2019*
 “Pullbacks under the log derivative”
- Connections between Model Theory, Differential and Difference algebra, and their Applications** *March 2019*
 CUNY, New York
 “Pullbacks under the log derivative”
- Pure and Applied Model Theory** *October 2018*
 University of Illinois at Chicago
 “Around Jouanolou-type Theorems”
- Lyon Logic Seminar** *June 2018*
 “The groupoid-cover correspondence revisited”
- Groupe d’Etude sur les Problèmes Diophantiens** *June 2018*
 Jussieu, Paris
 “Isotrivial Mordell-Lang and finite automata”
- Algebra, Arith. and Combinatorics of Difference/Differential Equations** *May 2018*
 CIRM, Luminy, France
 “Around Jouanolou-type Theorems”

Supervisory Experience

Post-doctoral

Yutong Duan	2026–
Nicolas Chavarria Gomez	2023–2025
Chris Shultz (co-supervisor)	2023–2026
Léo Jimenez	2021–2023
Dino Rosseger (co-supervisor)	2019–2021
Simon Crawford (co-supervisor)	2018–2020
Rémi Jaoui	2017–2019
Levon Haykazyan	2016–2019
Yi Zhu (co-supervisor)	2015–2017
Jonathon Stephenson (co-supervisor)	2015–2017
Alex Wires (co-supervisor)	2013–2015
Pantelis Eleftheriou	2011–2013
Javier Moreno	2011
Bernie Anderson (co-supervisor)	2009–2011
Moshe Kamensky	2007–2009

Doctoral

Jorge Carrasco Coquillat	2026–
Jules Ribolzi	2025–
Fateme Peimany	2024–
Christine Eagles	2022–2026
Thesis: <i>Contributions to the model theory of algebraic differential equations</i>	
Christopher Hawthorne	2017–2021
Thesis: <i>A guide to F-automatic sets</i>	
Ruizhang Jin ²	2013–2019
Thesis: <i>The Log Derivative and Model-Theoretic Analysability in DCF</i>	
Omar León Sánchez ³	2008–2013
Thesis: <i>Contributions to the model theory of partial differential fields</i>	

Masters

Andrew Feng	2023–2024
Jenny Xu	2022–2023
Vincent Boldt	2022–2023
Christine Eagles	2020–2021
Marco Handa	2019–2020
Wilson Poulter	2018–2019
Hussein Ahmed (co-supervisor)	2017–2018
Christopher Hawthorne	2015–2016
Ruizhang Jin	2012–2013

²Winner of the faculty wide 2019 Huawei Prize for Best Research Paper

³Winner of the faculty-wide 2013 Murray Martin Prize for graduate research

Daniel Ivan	<i>2011–2012</i>
Allen O’Hara	<i>2010–2011</i>
Chris Eagle	<i>2008–2010</i>

Undergraduate research (33 students)

Jason Fang (Spring 2025), Noah Nazareth (Fall 2024), Kareem Alfarra (Spring 2024), Lucas Tate (Spring 2024), Layth Ali Al-Hellawi (Spring 2023), Gurtaj Dhaliwal (Spring 2023), Tam An Le Quang (Spring 2023), Derek Wu (Winter 2023), Shuo Spencer Gao (Spring 2020), Marin Schulz (Spring 2022), Austin Shiner (Spring 2020), Alexander Slamen (Spring 2020), Spencer Wilson (Fall 2019), Garret Hildebrandt (Spring 2019), Alan Yeung (CUHK, Spring 2016), Michael Zhu (Winter 2016), Nicole Chassin (Spring 2016, Fall 2015), Li Yan Lung (CUHK, Spring 2015), Lirong Yang (Winter 2017, Winter 2015), Christopher Hawthorne (Spring 2013), Eeshan Wagh (Spring 2013), Yossef Musleh (Winter 2013), Chen Fei Du (Fall 2011), Matthew Harrison-Trainor⁴ (Spring 2010, Spring 2011), Jack Klys (Spring 2010), Atul Sivaswamy (Spring 2009), Oleg Chterental (Winter 2009), Richard Zsolt (Spring 2008), Elliot Lipnowski (Winter 2008), Wilson Kan (Spring 2006).

Doctoral Thesis Committees

Xiao Zhong, University of Waterloo Pure Math	<i>2026</i>
Jakub Gogolak, Wrocław University (external examiner)	<i>2024</i>
Michael Lösch, University of Freiburg (external examiner)	<i>2022</i>
Léo Jimenez, Notre Dame University (external examiner)	<i>2020</i>
Hongdi Huang, University of Waterloo Pure Math	<i>2020</i>
Michael Deveau, University of Waterloo Pure Math	<i>2019</i>
Mohammad Mahmoud, University of Waterloo Pure Math	<i>2019</i>
Blake Madill, University of Waterloo Pure Math	<i>2017</i>
Ian Payne, University of Waterloo Pure Math	<i>2017</i>
Tyrone Ghaswala, University of Waterloo Pure Math	<i>2017</i>
Diana Castenada (oral comp examiner), University of Waterloo Pure Math	<i>2017</i>
Matthew Luther, McMaster University, Math & Statistics (external reader)	<i>2015</i>
Robert Garbary, University of Waterloo Pure Math	<i>2015</i>
Carolyn Knoll, University of Waterloo Pure Math	<i>2013</i>
Rohan Kapadia, University of Waterloo C&O (internal-external reader)	<i>2013</i>
James Frietag, University of Illinois at Chicago (external reader)	<i>2012</i>
Jean-Martin Albert, McMaster University (external reader)	<i>2010</i>
Dale Radin, University of Illinois at Chicago (external reader)	<i>2004</i>

Masters Essay/Thesis Committees

David Smith (Stellenbosch, South Africa 2024), Jake Zimmerman (2018), Chris Dugdale (2014), David Peterson (2013), Siwei Gao (2012), David Belanger (2009), Zi Yang Sham (2008), Stephanie Kleven (2006)

⁴Winner of the faculty-wide 2012 Jesse W.H. Zou Memorial Award for undergraduate research

Teaching at the University of Waterloo since 2008

Topics in Logic: **Model theory of fields with operators** PMath 930
 Fall 2025 (9 students), Winter 2023 (8 students), Winter 2021 (7 students),
 Fall 2019 (5 students)

Model Theory PMath 433/733 Winter 2025 (13 students)

Mathematical Logic PMath 432/632 Fall 2024 (23 students)

Linear Algebra 1 Math 136 Winter 2024 (212 students)

Set Theory and Model Theory PMath 433/733 (formerly 433/633)
 Fall 2022 (21 students), Fall 2020 (37 students), Fall 2018 (28 students),
 Fall 2016 (24 students), Winter 2015 (21 students), Fall 2012 (22 students),
 Fall 2010 (28 students), Fall 2008 (37 students)

Linear Algebra 2, advanced Math 245
 Fall 2022 (31 students), Fall 2020 (32 students), Fall 2019 (44 students),
 Winter 2008 (9 students)

Introduction to Commutative Algebra PMath 446/646
 Winter 2020 (21 students), Winter 2019 (30 students), Winter 2016 (18 students)

Algebra for Honours Mathematics Math 135
 Winter 2019 (57 students), Fall 2017 (38 students), Winter 2017 (63 students),
 Fall 2016 (51 students), Fall 2013 (175 students), Fall 2012 (162 students),
 Fall 2011 (172 students), Winter 2011 (88 students), Fall 2009 (143 students),
 Fall 2004 (140 students)

Groups and Rings PMath 347
 Fall 2017 (52 students), Fall 2015 (36 students)

Topics in Algebra: **Valued Fields** PMath 900
 Winter 2017 (17 students), Fall 2013 (16 students), Fall 2011 (18 students)

Topics in Logic: **Stability Theory** PMath 930 (formerly 911,711)
 Fall 2015 (9 students), Winter 2013 (9 students), Winter 2009 (12 students)

Algebraic Curves PMath 764 Winter 2012 (22 students)

Rings, Polynomials, and Finite Fields PMath 345
 Fall 2010 (22 students), Fall 2009 (26 students)

Rings, Modules, and Representations PMath 444/644
 Winter 2010 (32 students)

Introduction to Mathematical Logic (PMath 330)
 Winter 2008 (45 students), Fall 2008 (56 students), Fall 2005 (81 students)

Service

University of Waterloo

Chair of the Department of Pure Mathematics *July 2026–*

Departmental Committees

Awards, Colloquium Chair, Department Advisory Committee on Appointments, Graduate Admissions, Library Representative, Scholarships, Tenure and Promotions, Undergraduate Curriculum

Faculty Committees

Awards; Faculty of Arts Tenure and Promotions (Math rep); Faculty of Environment Council (Math rep); Nominating Committee for Chair; Research Advisory; Working Group on Black and Indigenous Racism; Working Group on Research, Creativity, and Innovation

University Committees

Academic Freedom and Tenure, CEMC Advisory Committee on Appointments, Faculty Association Departmental Representative, Hagey Lecture (Chair), PhD Defense chair pool, Tenure and Promotion Appeal Tribunal (Chair)

Chair of the Jury Zoé Chatzidakis PhD Thesis Award *2026 –*

Reviewer AMS Mathematical Reviews *2015 –*

Canadian Mathematical Society, Vice-President Ontario *2015–2017*

Conference Organising Committees of the last seven years

Istanbul Model Theory Days II

Math Village, Sirince, Turkiye *Scheduled May 2027*

Workshop on Model theory, algebraic dynamics, and differential-algebraic geometry

Fields Institute *June 2025*

Geometric and combinatorial configurations in model theory

Freiburg, Germany *Nov 2023*

Annual Meeting of the Association for Symbolic Logic (Chair)

Irvine, California *May 2023*

Thematic Programme on Trends in Pure and Applied Model Theory

Fields Institute *July–Dec 2021*

Workshop on Model Theory of Differential Equations, Algebraic Geometry, and their Applications to Modeling, BIRS

May 2020

CMS Winter Meeting, Special Session, Mathematical Logic in Canada

Toronto *December 2019*

Workshop on Recent Applications of Model Theory

Fields Institute *July 2019*

Model Theory Special Session, ASL Annual Meeting

City University of New York *May 2019*