

- Speaker at [SEALS 2026](#), “Elliptic curves and definability over big rings”, University of Florida, Gainesville, 2026
- Speaker at “Undecidability Related to Arithmetic Geometry”, “[Undecidability over function fields and their infinite algebraic extensions in positive characteristic](#)”, University of Arkansas, January 2026, via Zoom
- Speaker at an ASL special session on “On Computability and its applications”, “Elliptic curves and definability over big rings”.
- Co-organizer with V. Harizanov, H. Klatt and K. Srinivasan of a special session on “Definability, Decidability and Computability”, JMM 2026, Washington DC.
- Speaker at a HIM conference “Definability and Computability”, December 2025, “Elliptic curves and definability over big rings”. [The video of my talk can be found here.](#)
- Co-organizer with F. Jahnke, J. Park, F. Pop, J. Stix of a workshop "Definability in Number Theory and Arithmetic Geometry", DDC@HIM, October, 2025, [Link to the workshop page](#)
- Speaker at the Montreal Number Theory Seminar, February 2025, [Click here for the slides of my talk](#)
- Coorganizer with [V. Harizanov](#), [F. Pop](#), [J. Park](#), [P. Hieronemy](#) of a trimester “DDC@HIM”, Fall 2025, [link to the trimester program](#)
- Coorganizer with with [V. Harizanov](#), [F. Pop](#), [B. Mazur](#), [K. Rubin](#), [J. Park](#) of a workshop “DDC@Cambridge”, Cambridge, MA, July 2023, [link to the announcement](#)
- Coorganizer with [V. Harizanov](#), [F. Pop](#), [B. Mazur](#), [K. Rubin](#), [J. Park](#) of an online FRG workshop hosted at Penn, June 2023, [link to the program](#)
- Coorganizer with [V. Harizanov](#) and [W. Calvert](#) of a special session in memory of Martin Davis, JMM January 2024, [link to the program](#).
- Speaker at the DDC day at Penn, October 8, 2023, “HTP10 over Number Fields and beyond”, [link to the program](#).
- Speaker at DDCNT at SLMath, Part II, “ p -th Powers Equations and Definability of Polynomials”, July 2022, [link to the talk](#)
- Speaker at the Definability seminar, Fall 2020, DDCNT at SLMath, Part I, “What is existentially definable in between \mathbb{Q} and \mathbb{Z} ?”, [link to the talk](#)
- Speaker at the Valuation Theory seminar, Fall 2020, DDCNT at SLMath, Part I “Existential definability of valuations over function fields with constant fields embeddable into q -bounded algebraic extensions of local fields and H10 over these fields”, [link to the talk](#)

- Co-organizer (with [Valentina Harizanov](#), [Maryanthe Mallaris](#), [Barry Mazur](#), [Russel Miller](#), [Jonathan Pila](#), [Tom Scanlon](#), [Carlos Videla](#)) of [MSRI Semester on Definability, Decidability and Computability in Number Theory](#), Fall 2020
- Speaker at the Logic Seminar, Department of Mathematics, George Washington University, March 2020, Washington DC.
- Colloquium speaker, Department of Mathematics, George Washington University, March 2020, Washington DC
- Invited speaker at [Southeastern Logic Colloquium 2020](#)/ Colloquium speaker, Department of Mathematics, University of Florida, Gainesville, Florida, February 29, 2020.
- Speaker at the AMS-ASL Special Session [Logic looking outward](#), January 15, 2020, JMM, Denver Colorado
- Speaker at Arithmetic Geometry Seminar, Department of Mathematics, Ohio State University, Columbus, Ohio, October 29, 2019.
- Co-organizer (with [Jennifer Park](#), [Kirsten Eisentraeger](#), [Valentina Harizanov](#)) of and a speaker at the American Institute of Mathematics workshop [Definability and Decidability Problems in Number Theory](#), San Jose, May 6-10, 2019
- Co-organizer (with [Jennifer Park](#), [Kirsten Eisentraeger](#), [Deirdre Haskell](#)) of [AMS-ASL Sprcial Session on Definability and Decidability Problems in Number Theory](#), JMM 2019, Baltimore.
- Invited Speaker, Mathematics is a long conversation: a celebration of Barry Mazur, June 4-8, 2018, Harvard University, Cambridge, MA
- Speaker, Oberwolfach Workshop on Computability, Oberwolfach, Germany, January 2018. More information about the workshop is available [here](#).
- Speaker, Logic Seminar, Rutgers University, New Brunswick, NJ, February 2017
- Invited speaker, MAMLS 2017, Wesleyan University, Middletown CT, October 2017. More information about the conference is available [here](#).
- Member of the ASL Committee on Logic in North America (2016-2019)
- Speaker at the [Special Session on Coding Theory, Cryptography, and Number Theory](#), March 2017, Charleston, SC.
- Co-organizer with [Russel Miller](#) and [Valentina Harizanov](#) of [Special Session on Computability in Algebra and Number Theory](#), March 2017, Charleston, SC.
- Invited Speaker, Winter Meeting of the ASL (Joint Meetings), Atlanta, January 2017.
- Co-organizer with [Jochen Koenigsmann](#), [Hector Pasten](#) and [Xavier Vidaux](#) of a [Workshop on Definability and Decidability in Number Theory in Oberwolfach](#), Germany, October 2016
- Speaker at the Number Theory Seminar, Department of Math, Harvard University, September 2016.

- Invited Speaker at [TAMC 2015](#), Singapore, May 2015
- Speaker at the [Special Session on Computable Structures Theory](#), Georgetown University, DC, March 7-8, 2015.
- Speaker, Department of Math. and Physics Colloquium, Mount Royal University, Calgary, Canada, September 2014.
- Speaker, Number Theory Seminar, University of Calgary, Calgary, Canada, September 2014.
- Speaker, Logic Seminar, George Washington University, Washington, DC, April 2014.
- Co-organizer with [Thomas Scanlon](#), [Xavier Vidaux](#), and Carlos Videla of an AIM meeting on [Definability and decidability problems in Number Theory](#).
- Speaker at the special session on Computable Structures/ Model Theory, ASL Annual North American Meeting, May 2013, University of Waterloo.
- Speaker, Math Department Colloquium, George Washington University, Washington, DC, March 1, 2013
- Invited Speaker, WORKSHOP: ARITHMETIC OF ABELIAN VARIETIES IN FAMILIES, November 2012, Lausanne, Switzerland
- Invited Speaker, Turing in Context II, Brussels, Belgium, October 2012
- Invited Speaker, Logic Colloquium 2012, Manchester, UK, June 2012.
- Speaker at [Special Session on Computable Mathematics in Honor of Alan Turing](#), 2012 Spring Eastern Sectional Meeting of AMS, George Washington University, Washington, DC
- Speaker at [Special Session on Rational Points of Varieties](#), AMS Meeting, Boston, January 2012
- Speaker, Number Theory Seminar, Department of Math, Penn State, December 2011
- Invited speaker, [Computability in Europe 2011](#), Sofia, Bulgaria, June 2011
- Speaker at the Women in Computability Workshop, [Computability in Europe 2011](#), Sofia, Bulgaria, June 2011
- Co-organizer (with [Dieter Spreen](#)) of a special session on [Computability in Analysis, Algebra, and Geometry](#), [Computability in Europe 2011](#), Sofia, Bulgaria, June 2011
- Speaker at the AMS Special Session on Algebra and Model Theory at the First AMS-SoMaChi Meeting, held in Pucón, Chile, 15-18 December, 2010.
- Invited Speaker at the meeting on Definability in Number Theory, Ghent, Belgium, August 2010.
- Speaker at the [UCLA Undergraduate Summer School in Logic](#), July 16, 2010.
- Member of the panel on Hilbert's Tenth Problem (with Martin Davis, [Bjorn Poonen](#), and [Karl Rubin](#)) at [JMM, San Francisco, January 2010](#).

- Invited Speaker at the Diverse Faces of Arithmetic Conference, University of East Anglia, Norwich, UK, December 14-16, 2009
- Speaker at the [Special Session on Function Fields and their Applications](#), 2009 Fall Eastern Section Meeting, University Park, PA, October 24-25, 2009
- Member of the Mathematics and Statistics Evaluation Group, [National Science and Engineering Research Council of Canada](#), 2009-2012.
- Invited Speaker at the ASL Annual North American Meeting, Notre Dame, Indiana, May 2009.
- Member of Hausdorff Research Institute for Mathematics Bonn, Germany, January – April, 2009
- Speaker at the Workshop on New Methods in Hilbert's 10th Problem, Hausdorff Research Institute for Mathematics, February 2009, Bonn, Germany.
- Colloquium Speaker, Department of Mathematics and Computing, University of Concepcion, Concepcion, Chile, June 20, 2008.
- Colloquium Speaker, Department of Mathematics, University of Concepcion, Concepcion, Chile, June 23, 2008.
- MASS Colloquium Speaker, Penn State, State College, PA, November 2007.
- Algebra and Number Theory Seminar Speaker, Penn State, State College, PA, November 2007.
- Colloquium Speaker, Department of Mathematics, University of Calgary, Calgary, Canada, October 2007.
- Colloquium Speaker, Department of Mathematics, Physics and Engineering, Mount Royal College, Calgary, Canada, October 2007.
- Invited Speaker, Number Theory and Computability Workshop, ICMS, Edinburgh, UK, June 2007
- Invited Speaker, Clay Institute Conference on Hilbert's Tenth Problem, March 2007, Cambridge, MA. [Slides of my talk can be found here.](#)
- Invited Speaker, Workshop on Model Theory and Computable Model Theory, Gainesville, Florida, February 2007. [Click here for PDF slides of my talk.](#)
- VIGRE and Number Theory Seminar Speaker, University of Georgia, October 2006. [Click here for PDF slides of my VIGRE talk.](#)
- Colloquium Speaker. University of Utrecht, Netherlands, October 2006.
- Speaker at the Field Arithmetic meeting, Oberwolfach, Germany, February 2006. [Click here for PDF slides of my talk.](#)
- Member of MSRI for the Rational Points Semester, Spring 2006, Berkeley, CA.
- Co-organizer (with [Bjorn Poonen](#), Karim Zahidi, and [Xavier Vidaux](#)) of Workshop on Hilbert's Tenth Problem at American Institute of Mathematics, Palo Alto, Ca, March 2005. Click [here for some pictures I took at the meeting.](#)

- Program Committee Member, ASL Winter Meeting (joint with AMS), Atlanta, January 2005.
- Logic Seminar Speaker, Mathematics Institute of Oxford University, Oxford, UK, March 2004.
- Number Theory Seminar Speaker, Imperial College, London, UK, March 2004.
- Colloquium Speaker, Department of Mathematics, University of East Anglia, Norwich, UK, March 2004.
- Seminar Speaker, Department of Mathematics, Tel Aviv University, Tel Aviv, Israel, February 2003.
- Co-organizer (with [Gunther Cornelissen](#), Yuri Matiyasevich, and [Maxim Vsemirnov](#)) of a Workshop on Hilbert's Tenth Problem, Mazur's Conjectures and Divisibility Sequences, Oberwolfach, Germany, January 2003. Click [here for some pictures I took at the meeting](#).
- Participant and speaker at the workshop on rational and integral points on higher-dimensional varieties, American Institute of Mathematics, Palo Alto, California, December 2002. [Click here for the workshop web page](#).
- Logic Seminar speaker, Department of Mathematics, University of Athens, Athens, Greece, November, 2002.
- Colloquium speaker, Department of Mathematics, University of Crete, Heraklion, Greece, November 2002.
- Speaker at 21st Days of Weak Arithmetic, St. Petersburg, Russia, June 2002. [Click here for the conference home page](#).
- Participant in the Field Arithmetic Meeting, Oberwolfach, Germany, February 2002.
- Participant in the Recursion Theory Meeting, Oberwolfach, Germany, January 2001.
- Participant and speaker in the Workshop on Arithmetic Geometry, MSRI, Berkeley, CA, December 2000.
- Speaker, Special Session on Recursion Theory, ASL Winter Meeting, Washington DC, January 2000.
- Invited Speaker, Workshop on Hilbert's Tenth Problem and Algebraic Geometry, Gent, Belgium, November, 1999.
- Invited speaker, AMS Summer Research Conference on Computability Theory and Applications, Boulder, Colorado, June 1999.
- Speaker at the AMS Special Session on Computability Theory, AMS Meeting, Gainesville, Florida, March 1999.
- Colloquium speaker, Mathematics Department, University of Arizona, Tucson, February 1998.

- Speaker at the Logic Seminar, Graduate School, City University of New York, December 1997.
 - Invited speaker at the National Security Agency Grants Day, Fort Meade, Maryland, July 1997.
 - Participant and speaker at the Recursion Theory Workshop, Kazan, Russia, July 1997.
 - Colloquium speaker, Mathematics Department, Notre Dame University, May 1997.
 - Colloquium speaker, Mathematics Department, George Washington University, April 1997.
 - Participant and speaker at the Recursion Theory Meeting, Oberwolfach, Germany, 1996.
 - Invited Speaker at the winter meeting of the Association for Symbolic Logic, San Francisco, 1995.
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