

CURRICULUM VITAE

JULIETTE KENNEDY

Tunturikatu 12 A 9
00100 Helsinki
Finland
phone: +358-9-19122866
juliette.kennedy@helsinki.fi

PERSONAL DATA

Citizen of US,
granted permanent resident status in Finland 2003

EDUCATION

| | |
|--|---|
| Ph.D., Mathematics, May, 1996 | The Graduate School and University Center of the City University of New York |
| Graduate student in Philosophy, 1987-1989 | The Graduate School and University Center of the City University of New York |
| M.A., Mathematics, 1985 | Hunter College of the City University of New York |
| B.S., Mathematics, 1981 | New York University |

ACADEMIC EXPERIENCE

| | |
|----------------------------|---|
| September 2013-August 2015 | Fellow, Helsinki Collegium for Advanced Studies University of Helsinki |
| September 2011-August 2012 | Fellow, School of Historical Studies Institute for Advanced Study Princeton |
| 2009- | University Lecturer (eq. Associate Professor, US) Department of Mathematics and Statistics University of Helsinki |

| | |
|-----------|--|
| 2002-2008 | Acting University Lecturer Department of Mathematics, University of Helsinki |
| 2000-2001 | Visiting Fellow Mittag-Leffler Institute, Djursholm, Sweden |
| 1999-2000 | Assistant Department of Mathematics, University of Helsinki |
| 1999-2000 | Lecturer Department of Philosophy, University of Helsinki |
| 1997-1999 | Visiting Assistant Professor Department of Mathematics, Bucknell University |
| 1996-1997 | Visiting Assistant Professor Department of Mathematics, Stanford University |
| 1989-1994 | Teaching Fellowship, Mathematics Department, Hunter College of CUNY |
| 1986-1989 | Teaching Fellowship, Philosophy Department, Hunter College of CUNY |
| 1986-1992 | Instructor Pre-Freshman Summer Immersion Program, Borough of Manhattan Community College of CUNY |
| 1984-1986 | Instructor Mathematics Department, New York City Technical College of CUNY |

LECTURES, RESEARCH

- Upcoming Invited Talks

- Nordic Online Logic Seminar, November 22, 2021.
- **Keynote**, HaPoC-6 Conference, ETH, October 27-29, 2021.
- Panel entitled “Gödel, Church and Turing in Retrospect,” Eastern APA, January 2022, Baltimore.

- Recent Invited Talks

- “Conceptual engineering and foundations of mathematics” Conceptual Engineering Seminar, St. Andrews, November 10, 2020.
- “Formal languages and their discontents”, H-Lab on natural and artificial languages, New York University, December 7, 2020.
- “On Informal Rigor,” PMA Session on Rigor, Pacific APA, April 2021.
- “Logicity and model classes,” Seminario Flotante, Universidad Nacional - Bogotá, May 28, 2021.
- “Gödel and the scope problem,” Online International Workshop on Gödel’s Incompleteness Theorems, Wuhan University, August 20, 2021.

- Invited talks

In the last ten years over 50 talks given at, among others, the universities of Berkeley, Cambridge, Oxford, Princeton and at major international conferences, including (from 2012-):

- Conference on The ‘End’ of Philosophy of Mathematics?, at Princeton University, 3-5 April 2020. CANCELLED DUE TO COVID
- **Plenary speaker**, 2020 Annual Meeting of the ASL, March 25-28, 2020, UC Irvine. CANCELLED DUE TO COVID
- “On the entanglement of second order logic with set theory and conversely.” Workshop in set theory and philosophy of mathematics, Paris Diderot, February 7-8 2020.
- Author meets critics session on John Baldwin’s Model Theory and the Philosophy of Mathematical Practice, 2020 Eastern APA, Jan 8, 2020, Philadelphia.
- “Three Moments in the Life of the Mathematical Drawing,” Philosophy of mathematics seminar, Princeton University, October 2019.

- “The Road to Gödel’s Incompleteness Theorems,” Institute for Advanced Study, Princeton, November 2019.
- “Kreisel, Strong Logics and Set vs Class Validity,” 2019 Eastern APA, New York, January 8, 2019.
- “Squeezing Arguments,” IHPST Paris 1, November 7, 2018.
- Tutorial, Summer School, “100 Years of Model Theory,” University of Jena, September 3-7, 2018.
- **Plenary speaker**, 11th Annual Cambridge Graduate Conference on the Philosophy of Mathematics and Logic, January 20-21, 2018.
- Invited Lecture, Special Session on Philosophical Logic, ASL European Summer Meeting (Logic Colloquium ‘17) Stockholm, Sweden, August 14–20, 2017
- Tutorial on philosophy of mathematics, *Summer School on Mathematical Philosophy for Female Students* Munich Center for Mathematical Philosophy, 23-29 July 2017
- Invited Lecture, Special Session on the History and Philosophy of Computing, Computability in Europe 2017, Turku, Finland, June 12-16
- “On Gödel’s reception of Gödel’s Incompleteness Theorems.” *Images of Mathematics* lecture series, ETH, Zurich, 5-6 December, 2016
- “Tarski and the ‘mathematical’,” invited talk, Society for the Study of Analytic Philosophy, Denver, June 16-18, 2016.
- “In Praise of Definability,” Philosophy of mathematics seminar, Oxford, November 30, 2015.
- “On Formalism Freeness: Templates from Logic and Set Theory,” *Congress of Logic, Methodology and Philosophy of Science*, Helsinki, August, 2015.
- Commenter on Danielle MacBeth’s “Realizing Reason”, Author Meets Critics session, *Congress of Logic, Methodology and Philosophy of Science*, Helsinki, August, 2015.
- “On Gödel’s Reception of Turing’s Model of Computation,” **Keynote Lecture**, *Fourth Annual Conference of the Society for the Study of the History of Analytical Philosophy*, Trinity College Dublin, June 4, 2015.
- “Mathematical Poetics”, *Mapping Traces*, Universidad Nacional de Colombia, Bogota, Nov 8, 2014.
- “Inner models and strong logics,” Universidad Nacional de Colombia, Bogota, Nov 7, 2014.

- Seminar talk, University of Cambridge, Department of Mathematics, Oct 25, 2014.
 - “On formalism freeness,” Plenary talk, *INFTY Final Conference in Set Theory*, Bonn, March 5, 2014
 - “On some Logical Inner Models,” Seminar talk, University of Stockholm, March 7, 2014.
 - “Aesthetics and the dream of objectivity: Notes from set theory,” Workshop on Beauty and Explanation in Mathematics, Ume, March 10, 2014.
 - “Les Mots et Les Choses: Reading Gödel on Formalization,” CUNY Graduate Center Philosophy Colloquium, December 5th, 2012.
 - “On Robustness and Definability,” *Turing Centennial Colloquium*, Boston University, November 11, 2012.
 - “On Formalism Freeness,” *Numbers and Truth*, Gothenburg University, October 19, 2012.
 - “Formalism Freeness and Semantic Content,” Notre Dame, April 30, 2012.
 - “On a New Class of Inner Models,” University of Chicago, April 24, 2012.
 - “Inner Models and Strong Logics,” School of Mathematics, Institute for Advanced Study, April 4, 2012.
 - “Inner Models and Extended Logics,” MAMLS Logic Workshop, Baruch College of CUNY, March 9, 2012.
 - “The Grundlagentstreit of the 1920s: What was (and is) the controversy?”, History seminar, Institute for Advanced Study, March 5, 2012.
 - “Geometry and Paradoxes of Place: Reflections on the Art of Gabriel Orozco.” Helsinki Art Academy (Kuvataideakatemia), February 11, 2012.
 - “Gödel and Formalization,” seminar talk, Oxford University, January 24, 2012.
 - “Semantic Content,” seminar talk, Cambridge University, January 19, 2012.
- Contributed talks
 - Logic Colloquium 2006, Nijmegen, The Netherlands.
 - Latin American Symposium on Mathematical Logic, San Jose, Costa Rica, January, 2004.

- Workshop on the History and Philosophy of Logic, Mathematics, and Computation, 2002, San Sebastian.
- Workshop in Logic, Language and Information, Brasilia, Brazil, August 1, 2001.
- Logic Colloquium 2000, July 2000, Paris.

UPCOMING MEETINGS WE WILL ORGANIZE

- Arctic Set Theory Workshop 5, Kilpisjärvi Biological research Station of the University of Helsinki, February 15-20, 2022.
- Internal Categoricity, University of Helsinki, May 21-22, 2022

MEETINGS ORGANIZED

- Arctic Set Theory Workshop 4, Kilpisjärvi Biological research Station of the University of Helsinki, January 21-25, 2019.
- (with Boban Velickovic and Michael Harris) “On the Infinite”, symposium and exhibition on the concept of infinity, Paris Sorbonne, October 22-26, 2017.
- WOLLIC 2017 (program chair), University College London, July 17-21, 2017.
- Arctic Set Theory Workshop 3, Kilpisjärvi Biological research Station of the University of Helsinki, January 25-20, 2017.
- Scandinavian Logic Society Summer School in Logic, Helsinki, July 27-31, 2015.
- “Getting There and Falling Short: An Interdisciplinary Symposium on Complex Content”, Helsinki Collegium for Advanced Studies, May 18-20, 2015.
- Arctic Set Theory Workshop 2, Kilpisjärvi, February 12-17, 2015.
- The Refusal: A Symposium in the Arctic, Kilpisjärvi, February 7-11, 2015.
- Arctic Set Theory Workshop 1, Kilpisjärvi, February 2-7, 2013.
- “Simplicity: Ideals of Practice in Mathematics and the Arts,” CUNY Graduate Center, New York, April 3-5, 2013. (With Roman Kossak and Philip Ordning.)
- “Set Theory, Model Theory, Generalized Quantifiers and Foundations of Mathematics: Meeting in Honor of Jouko Väänänen’s Sixtieth Birthday,” Helsinki, Finland, September 2010. (With Lauri Hella and Juha Oikonen.)

- “Set Theory, Classical and Constructive,” University of Amsterdam, May 16-18, 2009. (With Jaap van Oosten.)
- Co-organized the Intercity seminar “Philosophy of Mathematics,” Mathematics Departments of Utrecht and Nijmegen Universities, September 2008-April 2009. (With Ieke Moerdijk and Klaas Landsman.)
- Co-organized “Aesthetics and Mathematics,” Utrecht University, November 9-10, 2007. (With Albert Visser and Rosalie Iemhoff.)
- Co-organized “Games in Logic, Language and Computation 14.5” (a joint meeting of Finnish and Dutch graduate students), September 28, 2007. (With Benedikt Loewe.)
- Co-organized the symposium “On the Continuum Hypothesis,” Mathematics Department, Helsinki University, May 11, 2005. (With the Helsinki Logic Group.)
- Co-organized the European ASL Summer Meeting, August 2003. (With the Helsinki Logic Group.)
- Co-organized the meeting “Gödel” University of Provence, September 2001. (With Gabriella Crocco.)
- Co-organized the meeting “History of Logic,” University of Helsinki, June 2000. (With the Philosophy Department of the University of Helsinki.)

SELECTED RECENT VISITS

- Visitor, Department of Mathematics, Hebrew University, November-January 2019-20.
- Visitor, Institute for Advanced Study, Princeton, New Jersey, Autumn semester 2019.
- Visitor, Equipe de Logique, University of Paris Diderot and IHPST Paris 1, Autumn semester 2018.
- Visitor, Group in Logic and the Methodology of Science, UC Berkeley, November 2016.
- Invited Participant, *Mathematical, Foundational and Computational Aspects of the Higher Infinite*, Isaac Newton Institute, University of Cambridge, Autumn semester 2015.
- Invited Participant The 13th International Workshop on Set Theory, CIRM, Luminy, October 3, 2014.
- Visitor, Department of Mathematics, Hebrew University, November 2014.

- Visitor, Department of Mathematics, Hebrew University, January 2012.
- Participant in the program “Mathematical Logic: Set Theory and Model Theory,” Institut Mittag-Leffler, Fall 2009.
- Director’s Guest, Institute for Advanced Study, Princeton, June 1-July 31, 2009.
- Visitor, University of Utrecht Philosophy Department, January 2007-June 2008.
- Visitor at Sorbonne, Paris University I, IHPST, March-April 2005.

PHILOSOPHY TEACHING

- Philosophy of Mathematics taught in the University of Helsinki Philosophy Department, Autumn 1999.
- Joint seminar on Husserl’s “The Origin of Geometry” taught in the Department of Mathematics with Sara Heinamaa (Tutkijakollegium, UH Philosophy Department), Autumn 2005.
- Seminar on A. Coffa’s *The semantic tradition from Kant to Carnap*, University of Helsinki, Spring 2016.
- Philosophy of Science, University of Helsinki, Spring 2016.
- On logical consequence, University of Helsinki, Spring 2017.
- One week tutorial: MCMP Summer School on Mathematical Philosophy for Female Students, The Munich Center for Mathematical PhilosophyMünich, August 2017
- Philosophy of Science, University of Helsinki, Fall 2020.

SERVICE TO THE PROFESSION

- Editorial Board member, *Review of Symbolic Logic*, 2018-2024.
- Advisory Board member, *Review of Symbolic Logic*, 2014-2017.
- Coordinator of International Student Affairs and Coordinator of the Erasmus Program, University of Helsinki Faculty of Science representative, 2001-2015.
- Advisory Board member, Scandinavian Logic Society, 2011-2016.
- Consulting editor, *Philosophia Mathematica*, *Theoria*, *Journal of the American Philosophical Association*.

- Referee for Cambridge University Press, Princeton University Press, *Australasian Journal of Philosophy*, *Notre Dame Journal of Formal Logic*, *Mind*, *Synthese*, German Research Foundation (DFG), EURIAS Fellowship Programme, Icelandic Research Fund (IRF), European Research Council (ERC).
- Association of Symbolic Logic, Council member, 2017-2020. Committee on membership, member, 2007-2013.

DOCTORAL STUDENTS

- Tapio Saarinen, to graduate January 2023. Topic: second order categoricity under set theoretic assumptions.
- Otto Rajala, to graduate January 2023. Topic: extended constructibility.
- Arto Mutanen, January 2004. Topic: Learning theory.

DOCTORAL COMMITEES

- Marko Djordjevic, Department of Mathematics, University of Uppsala, Fall 2000.
- Joonas Eliasson, Department of Mathematics, University of Uppsala, December 2003.

CURATORIAL PROJECTS

- “Fred Sandback at the IHP,” Institut Henri Poincaré, Paris, October 2-November 11, 2017.
- (with Merja Polvinen) Curator, “THE WOR(L)D,” HCAS. (Featured artists: Mara Clara Cortés and Taina Riikonen.)
- (with Philip Ording and Roman Kossak) Curator: “Simplicity and Ideals of Practice,” CUNY Graduate Center, New York, April 3-5, 2013. (Featured artists: Andy Goldsworthy, Richard Serra, Kate Shepherd, William Wegman.)
- Curator, “Silent Watch: Contemporary Printed from Finland,” International Print Center New York, September 15-October 26, 2011.
- Guest Curator, “Andy Goldsworthy at Pori,” Pori Art Museum, Pori, Finland, June 10-September 25, 2011.
- Guest Curator, “Fred Sandback at Pori,” Pori Art Museum, Pori, Finland, February 4-May 16, 2011.
- Guest Curator, “Logic Unfettered: European and American Abstraction Now,” Mondrian House, Amersfoort, Netherlands, November 2, 2007-April 4, 2008.

SELECTED RECENT LECTURES ON ART

- “On Fred Sandback’s Writings”. Helsinki Collegium for Advanced Studies, Oct 14, 2014.

- “The drawing is a set of thoughts: On reading mathematical constructions as works of art”. Bildmuseet, Umeå, March 11, 2014.
- “Geometry and Paradoxes of Place: Reflections on the Art of Gabriel Orozco.” Helsinki Art Academy (Kuvataideakatemia), February 11, 2012.
- “On the Philosophical Writings of Fred Sandback,” Art History Seminar, Institute for Advanced Study, (Yve-Alain Bois, director), November 2, 2011.

SELECTED FUNDING RECEIVED

- 2019-2023: Academy of Finland Grant, 700,000 euro
- 2018: Emil Aaltonen Foundation, 4,000 euro
- 2017: Mathematics Foundation (Finland), 5,000 euro
- 2016: Faculty of Science, University of Helsinki, 35,000 euro
- 2016: Magnus Ehrnrooth Foundation 4,000 euro
- 2015: Helsinki Collegium Advanced Studies 20,000 euro. (Funding for conference *Getting There and Falling Short*, HCAS, Helsinki.)
- 2013: FRAME; SKR; NSF: 33,000 USD; Clay Foundation. (Funding for conference and exhibition *Simplicity and Ideals of Practice*, NYC.)
- 2011: FRAME 5,000 euro (Funding for exhibition *Silent Watch: Contemporary Prints from Finland*, NYC.)
- 2007-2009: NWO (Netherlands Organisation for Scientific Research, salary support.)

LIST OF PUBLICATIONS

1. “On Embedding Models of Arithmetic into Reduced Powers,” Ph.D. thesis, City University of New York, 1996.
2. (with Saharon Shelah) “On Universality Properties of Reduced Products,” abstract of a contributed talk in the Logic Colloquium 2000, Paris, *Bulletin of Symbolic Logic*, vol. 7; 2001, page 123.
3. (with Saharon Shelah) “On Regular Reduced Products”, *Journal of Symbolic Logic*, volume 67, 2002, 1169-1177. **refereed**
4. “History of Logic (vols. 1,2)”, editor (with Gabriel Sandu), *Synthese*, volume 137 (1,2), 2003.
5. (with Saharon Shelah) “On Embedding Models of Arithmetic of Cardinality \aleph_1 into Reduced Powers”, *Fundamenta Mathematicae*, volume 176 (1), 2003. **refereed**
6. “On Embedding Models of Arithmetic into Reduced Powers”, *Matematica Contemporanea*, volume 24, 2003, 91-115. **refereed**
7. (with Mark van Atten) “The Philosophical Development of Kurt Gödel”, *Bulletin of Symbolic Logic*, volume 9 (4), 2003, 425–476. Reprinted in *Kurt Gödel, Essays for his Centennial*, Feferman, Parsons, Simpson (eds.), *Lecture Notes in Logic* (33), 2010. **refereed**
8. (with Mark van Atten) “Gödel’s Modernism: On Set-Theoretic Incompleteness”, *Graduate Faculty Philosophy Journal*, 25 (2), 2004, 289–349. **refereed**
9. (with Saharon Shelah) “More on Regular Reduced Products”, *Journal of Symbolic Logic*, volume 69 (4), 2004, 1261–1266. **refereed**
10. (with Jouko Väänänen) “On Applications of Transfer Principles in Model Theory”, in *Set Theory: Recent Trends and Applications*, (A. Andretta ed.), *Quaderni di Matematica*, volume 17, 2007, 111–136. **refereed**
11. “Kurt Gödel”, *The Stanford Encyclopedia of Philosophy*, (Edward N. Zalta, ed.), (electronic publication, <http://plato.stanford.edu>), 2007. **refereed**
12. “Aesthetics and Mathematics”, *The Reasoner*, volume 2 (2), February 2008.
13. (with Saharon Shelah and Jouko Väänänen) “Regular Ultrafilters and Finite Square Principles”, *Journal of Symbolic Logic*, volume 73 (2), September 2008, 817–823. **refereed**

14. (with Mark van Atten) “Gödel’s Modernism Revisited”, in *Logicism, Intuitionism and Formalism: What has become of them?*, (Lindström, S.; Palmgren, E.; Segerberg, K.; Stoltenberg-Hansen, V. (Eds.), Synthese Library, volume 341, Springer, 2009. **refereed**
15. (with Mark van Atten) “Gödel’s Logic”, in *The Handbook of History of Logic: Logic from Russell to Gödel*, (Gabbay and Woods, eds.), Elsevier, Amsterdam, volume 5, 2009. **refereed**
16. “Gödel’s Thesis: An Appreciation”, for the proceedings of the Gödel Centenary meeting “Horizons of Truth,” (Matthias Baaz et al, eds.), Cambridge University Press, 2011. **refereed**
17. Edited volume (with Roman Kossak): *Set Theory, Arithmetic and Foundations of Mathematics: Theorems and Philosophies*, Lecture Notes in Logic (36), Cambridge University Press, 2011.
18. Editorial introduction, edited volume (with Jaap van Oosten): *Set theory, Classical and Constructive*, special issue of *Journal of Pure and Applied Logic* volume 163, issue 10, pages 1359-1446, October 2012.
19. “On Formalism Freeness: Implementing Gödel’s 1946 Princeton Bicentennial Lecture,” *Bulletin of Symbolic Logic*, volume 19, issue 3, 351-393, September 2013. **refereed**
20. Edited volume: *Interpreting Gödel: Critical Essays*, Cambridge University Press, October 2014.
21. “Gödel’s 1946 Princeton Bicentennial Lecture: An Appreciation,” contribution to edited volume *Interpreting Gödel*, Cambridge University Press, October 2014.
22. Editorial introduction, edited volume: *Interpreting Gödel*, Cambridge University Press, October 2014.
23. “On the ‘Logic without Borders’ Point of View,” for the proceedings volume *Logic without Borders*, de Gruyter, 2014. **refereed**
24. “Regular Ultraproducts at Regular Cardinals,” with S. Shelah, and J. Väänänen, *Notre Dame Journal of Formal Logic*, 56:3, 2015.
25. “Turing, Gödel and the Bright Abyss,” proceedings of the conference *Turing 100* at Boston University, November 2012, Springer, 2017. **refereed**
26. “Three Moments in the Life of the Mathematical Diagram” for the volume *Mathematical Concepts*, edited by L. de Freitas, N. Sinclair and A. Coles. Cambridge University Press, 2017.

27. “Squeezing Arguments and Strong Logics,” Proceedings of the 2016 conference *Logic, Methodology and Philosophy of Science*, Springer, 2017. **refereed**
28. “Gödel’s Reception of Turing’s Model of Computability: The Shift of Perception in 1934” proceedings of *Computability in Europe 2017*, Springer, 2017, Springer, 2017. **refereed**
29. “Kant, co-production, actuality and pedestrian space: On the philosophical Writings of Fred Sandback”, proceedings of *Simplicity: Ideals of practice in mathematics and the arts*, Springer, 2017. **refereed**
30. (with Michael Maizels) “The System that Destroys Itself, or Greenberg’s Modernism and the Liar’s Paradox”, *Crisis and Critique*, Volume 5, issue 1, 2018, Agon Hamza, Frank Ruda, editors. **refereed**
31. “Remarks on No One’s Ways: An Essay on Infinite Naming”, *Syndicate*, 2019.
32. “Gödel and the Integrated Self, or: On the Philosopher’s Second Sailing”, *Theoria*, August 2020. **refereed**
33. Monograph: *Gödel, Tarski and the lure of natural language: Logical entanglements, Formalism-freeness*. Cambridge University Press, 2021.
34. (with Menachem Magidor and Jouko Väänänen) “Inner Models from extended Logics, Part 1”, Isaac Newton Institute Pre-print Series 2016 and *Journal of Mathematical Logic*, vol.21, no.2, 2021. **refereed**
35. “Logicality and Model Classes”, with J. Väänänen, *Bulletin of Symbolic Logic*, 2021. **refereed**
36. (with Menachem Magidor and Jouko Väänänen) “Inner Models from extended Logics, Part 2”, submitted.
37. Monograph: *Gödel’s Incompleteness Theorems*, Cambridge Elements Series, in press. **refereed**

PUBLICATIONS: REVIEWS

1. Review of *Incompleteness: The Proof and Paradox of Kurt Gödel* by R. Goldstein, Notices of the American Mathematics Society, special issue on Kurt Gödel, 448–455, April 2006.
2. Review of *Kurt Gödel: Das Album* by K. Sigmund, J. Dawson and K. Mühlberger, The Mathematical Intelligencer, vol. 29, issue 3, 2007, 73–75.

3. Review of *The Princeton Companion to Mathematics*, (T. Gowers, ed.) in Bulletin of Symbolic Logic, vol 15(4), December 2009, 431–436.
4. Review of *Mathematical Autonomy* by C. Franks, Bulletin of Symbolic Logic, vol. 17(1), 119-122, March, 2011.
5. Review of *After Gödel*, by Richard Tieszen, Notre Dame Philosophical Reviews, Oct 2013.
6. Review of *Defending the Axioms: On the Philosophical Foundations of Set Theory* by Penelope Maddy, Bulletin of Symbolic Logic, March 2014.

PUBLICATIONS: ABSTRACTS

1. “On an Incompleteness Theorem in S_2^1 ,” March 1999, abstract of an invited talk given at the San Diego ASL spring meeting, Bulletin of Symbolic Logic, vol 5, 1999, page 406.
2. (with Saharon Shelah) “On Universality Properties of Reduced Products,” abstract of a contributed talk in the Logic Colloquium 2000, Paris, Bulletin of Symbolic Logic, vol. 7, 2001, page 123.

PUBLICATIONS: POPULAR ARTICLES

1. “The Continuum Hypothesis,” *Institute Letter*, Institute for Advanced Study, Princeton, Fall 2011.
2. “Hilbert’s Twenty-fourth Problem: On the Aesthetic of Simplicity in Mathematics,” *Arkadia Gazette*, Helsinki, January 2012.
3. “Kurt Gödel and the mechanization of mathematics,” *Times Literary Supplement*, April 2018.

PUBLICATIONS: CURATORIAL, ART CRITICISM

1. “Logic Unfettered: European and American Abstraction Now”, Catalogue, Mondrian House Publications, 2007.
2. “Matti Kujasalo”, *Galerie Anhava Publications*, 2010. *Taide and Design*, 10, 2010.
3. “Fred Sandback”, *Taide and Design*, 11, 2011.
4. “Interview with Andy Goldsworthy”, *Taide and Design*, 13, 2011.
5. “Andy Goldsworthy”, *Pori Art Museum Publications*, 2011.
6. “On the Art of Gabriel de la Mora,” Catalogue essay, Perrotin Gallery, New York, March 2019.

BOOKS AND MANUSCRIPTS IN PREPARATION

- *The Philosophy of Penelope Maddy*, co-editor (with Sophia Arbeiter) of essay collection, Springer series Outstanding Contributions to Logic.
- Monograph: *Aesthetics and Mathematics*, Cambridge Elements Series.
- (with Jouko Väänänen) “The Liar Paradox and Semantic consequence,” Classic Philosophical Argument series of Cambridge University Press.
- “The machine metaphor: on the logic of computation in the 1930s,” *Philosophies*, special issue “Turing the Philosopher: Established Debates and New Developments,” D. Proudfoot, editor.