

1 Contact Details

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2 Career

Current: Professor of Philosophy, School of Arts & Communication, Florida Institute of Technology. (Associate Professor until Spring 2014; Assistant Professor until Spring 2007.)

Courses taught:

- COM 5355 *Special topic in technical and professional communication: Argumentation theory*
- HUM 3585 *Special topic in philosophy: Philosophy of science*
- HUM 3541 *Philosophy of law*
- HUM 3085 *Special topic in humanities: Recent issues in logic*
- HUM 2510 *Logic*
- HUM 2052 *Civilization II: Renaissance through modern*
- HUM 2051 *Civilization I: Ancient through medieval*

Previous: Lecturer in Philosophy, School of Philosophy, Psychology, & Language Sciences, University of Edinburgh.

Courses taught:

- *Mathematical logic & philosophy of mathematics* [Honours & Masters]
- *Philosophy of science* [Honours]
- *Philosophy 2A* [Second year metaphysics course]
- *Philosophy of science 1H* [First year]

3 Education

Ph.D. Logic & Metaphysics, University of St Andrews. Thesis: *Revising logic*, supervisor Stephen Read, examiners Peter Clark and David Miller. Graduated 2001.

M.Litt. Logic & Metaphysics, University of St Andrews. Thesis: *Gaps, gluts and paradoxes: A comparison of some deviant approaches to the paradoxes of self-reference*, supervisor Stephen Read. All requirements completed 1994.

B.A. (Hons.) Philosophy, Grey College, University of Durham. Thesis: *Some philosophical problems concerning infinity*, supervisor Barry Gower. Graduated 1993.

4 Publications

4.1 Books

Rhetoric: The art of persuasion (with Adina Arvatu). (Glastonbury: Wooden, 2015).

- Reprinted as *Rhetoric: The art of persuasion* (with Adina Arvatu). (New York, NY: Bloomsbury, 2015).
- Reprinted in *Trivium: The classical liberal arts of grammar, logic, & rhetoric*, John Martineau, ed. (New York, NY: Bloomsbury, 2016), pp. 233–91.

4.2 Edited Collections

Mathematical evidence and argument (with Christine Knipping & Maria Alessandra Mariotti). *ZDM mathematics education*, forthcoming.

Advances in experimental philosophy of logic and mathematics (with Matthew Inglis). (London: Bloomsbury, forthcoming).

Virtues and arguments (with Daniel H. Cohen). *Topoi* 35(2), 2016, pp. 339–460.

- Contributors: David Godden; Juli K. Thorson; Sharon Bailin & Mark Battersby; Katharina Stevens; Iovan Drehe; Ian James Kidd; Jack M. C. Kwong; Andrew Aberdein; Andrew Ball; Scott F. Aikin & John P. Casey; José Ángel Gascón; Daniel H. Cohen & George Miller.
- Available online at <http://my.fit.edu/~aberdein/VirtueArgToC.pdf>.

The argument of mathematics (with Ian J. Dove). (Dordrecht: Springer, 2013).

- Contributors: James Franklin; Erik C. W. Krabbe; Jesús Alcolea Banegas; Michel Dufour; Paola Cantù; Matthew Inglis & Juan Pablo Mejía-Ramos; Christine Knipping & David Reid; Jesse Alama & Reinhard Kahle; Lawrence H. Powers; Paul Bartha; Brendan Larvor; Richard L. Epstein; Ian J. Dove; Alison Pease, Alan Smaill, Simon Colton & John Lee; Patrick Allo, Bart Van Kerkhove & Jean Paul Van Bendegem; Andrew Aberdein.
- Available online at <http://link.springer.com/book/10.1007/978-94-007-6534-4/>.

Mathematical argumentation (with Ian J. Dove). *Foundations of science* 14(1–2), 2009, pp. 1–152.

- Contributors: Andrew Aberdein; Jody Azzouni; Edwin Coleman; Bart Van Kerkhove & Jean Paul Van Bendegem; David Sherry; Zenon Kulpa; Matthew Inglis & Juan Pablo Mejía-Ramos; Alison Pease, Alan Smaill, Simon Colton & John Lee; Ian J. Dove.
- Available online at <http://my.fit.edu/~aberdein/argmath/Papers.html>.

4.3 Journal Articles

Virtuous norms for visual arguers. *Argumentation*, forthcoming.

- Available online at <http://my.fit.edu/~aberdein/VizVirtue+++pdf>.

Arguments with losers. *Florida philosophical review* 16(1), 2016, pp. 1–11.

- Available online at http://philosophy.cah.ucf.edu/fpr/files/16_1/aberdein.pdf

Introduction: Virtues and arguments (with Daniel H. Cohen). *Topoi* 35(2), 2016, pp. 339–43.

The vices of argument. *Topoi* 35(2), 2016, pp. 413–22.

- Available online at <http://my.fit.edu/~aberdein/FallacyVice++++pdf>.

Editorial and Interview with Daniel Cohen. *The reasoner* 9(11), 2015, pp. 90; 90–3.

- Available online at <http://www.thereasoner.org/>.

Beauty is not simplicity: An analysis of mathematicians' proof appraisals (with Matthew Inglis). *Philosophia mathematica* 23(1), 2015, pp. 87–109.

- Available online at <http://homepages.lboro.ac.uk/~mamji/files/PersPf10.pdf>.

In defence of virtue: The legitimacy of agent-based argument appraisal. *Informal logic* 34(1), 2014, pp. 77–93.

- Available online at http://ojs.uwindsor.ca/ojs/leddy/index.php/informal_logic/article/view/3938.

Mathematical wit and mathematical cognition. *Topics in cognitive science* 5(2), 2013, pp. 231–50.

- Available online at <http://my.fit.edu/~aberdein/MathWitFinal.pdf>.

Editorial and Interview with Stephen Read. *The reasoner* 5(12), 2011, pp. 204–205; 205–211.

- Interview reprinted in *Insolubles and consequences: Essays in honour of Stephen Read*, Catarina Dutilh Novaes & Ole Thomassen Hjortland, edd. (London: College Publications, 2012), pp. 1–10.
- Available online at <http://www.thereasoner.org/>.

Five theories of reasoning: Interconnections and applications to mathematics (with Alison Pease). *Logic and logical philosophy* 20(1–2), 2011, pp. 7–57.

- Available online at <http://apcz.pl/czasopisma/index.php/LLP/article/view/LLP.2011.002>.

Virtue in argument. *Argumentation* 24(2), 2010, pp. 165–79.

- Available online at <http://my.fit.edu/~aberdein/VirtueA+.pdf>.

Mathematics and argumentation. *Foundations of science* 14(1–2), 2009, pp. 1–8.

- Available online at <http://my.fit.edu/~aberdein/ArgMathIntro.pdf>.

Fallacies in mathematics. *Proceedings of the British Society for Research into Learning Mathematics* 27(3), 2007, pp. 1–6.

- Available online at <http://www.bsrlm.org.uk/IPs/ip27-3/BSRLM-IP-27-3-01.pdf>.

The uses of argument in mathematics. *Argumentation* 19(3), 2005, pp. 287–301.

- Reprinted in *Arguing on the Toulmin model: New essays in argument analysis and evaluation*, David Hitchcock & Bart Verheij, edd. (Dordrecht: Springer, 2006), pp. 327–39.
- Also in *The uses of argument*, David Hitchcock & Daniel Farr, edd. (Hamilton, ON: OSSA, 2005), pp. 1–10.
- Available online at <http://arXiv.org/abs/math.HO/0504090>.

Regional maps of HOPOS activity and infrastructure: Scotland. *Newsletter of HOPOS, The International Society for the History of Philosophy of Science* 7(2), 2003, pp. 6–16.

- Available online at <http://www.hopos.org/news/hoposnews7-2.pdf>.

4.4 Book Chapters

Mathematical monsters. In *Monsters, monstrosities, and the monstrous in culture and society*, Diego Compagna & Stefanie Steinhart, edd. (Wilmington, DE: Vernon Press, forthcoming).

Redefining revolutions. In *The Kuhnian image of science: Time for a decisive transformation?*, Moti Mizrahi, ed. (London: Rowman & Littlefield, 2017), pp. 133–54.

The parallel structure of mathematical reasoning. In *The argument of mathematics*, Andrew Aberdein & Ian J. Dove, edd. (Dordrecht: Springer, 2013), pp. 361–80.

- Abridged version in *Proceedings of the Symposium on Mathematical Practice and Cognition II: A symposium at the AISB/IACAP World Congress 2012*, Alison Pease & Brendan Larvor, edd. (Birmingham: Society for the Study of Artificial Intelligence and the Simulation of Behaviour, 2012), pp. 7–14.
- Available online at <http://homepages.inf.ed.ac.uk/apease/aisb12/1.pdf>.

The judo principle, philosophical method and the logic of jokes. In *Philosophy and The Hitchhiker's Guide to the Galaxy*, Nicholas Joll, ed. (Basingstoke: Palgrave Macmillan, 2012), pp. 213–35.

Observations on sick mathematics. In *Philosophical perspectives on mathematical practice*, Bart Van Kerkhove, Jonas De Vuyst, & Jean Paul Van Bendegem, edd. (London: College Publications, 2010), pp. 269–300.

- Available online at <http://my.fit.edu/~aberdein/SickMaths.pdf>.

Strange bedfellows: The interpenetration of philosophy and pornography. In *Porn: How to think with kink*, Dave Monroe, ed. (Chichester: Wiley-Blackwell, 2010), pp. 22–34.

- Published in German as *Seltsame Bettgenossen: Die Interpenetration von Philosophie und Pornographie in Philosophie für Verdorbene: Essays über Pornografie*, Dave Monroe, ed., Heike Steffen, tr. (Berlin: Rogner & Bernhard, 2011), pp. 35–52.
- Published in French in *La philosophie du porno*, Dave Monroe, ed., Marc-Emmanuel Konigson, tr. (Champs-sur-Marne: Original, 2011).
- Available online at <http://my.fit.edu/~aberdein/PhilasPron.pdf>.

The philosophy of alternative logics (with Stephen Read). In *The development of modern logic*, Leila Haaparanta, ed. (Oxford: Oxford University Press, 2009), pp. 613–723.

- Available online at <http://my.fit.edu/~aberdein/AltLog.pdf>.

Logic for dogs. In *What philosophy can tell you about your dog*, Steven D. Hales, ed. (Chicago: Open Court, 2008), pp. 167–81.

- Available online at <http://my.fit.edu/~aberdein/DogLogic.pdf>.

The companions and Socrates: Is Inara a hetaera? In *Investigating Firefly and Serenity: Science fiction on the frontier*, Rhonda V. Wilcox & Tanya Cochran, edd. (London: I. B. Tauris, 2008), pp. 63–75.

The informal logic of mathematical proof. In *Perspectives on mathematical practices: Bringing together philosophy of mathematics, sociology of mathematics, and mathematics education*, Bart Van Kerkhove & Jean Paul Van Bendegem, edd. (Dordrecht: Springer, 2007), pp. 135–51.

- Also in *18 unconventional essays on the nature of mathematics*, Reuben Hersh, ed. (New York: Springer, 2006), pp. 56–70.
- Available online at <http://arXiv.org/abs/math.HO/0306298>.

Raising the tone: Definition, bullshit, and the definition of bullshit. In *Bullshit and philosophy*, Gary L. Reisch & George A. Hardcastle, edd. (Chicago: Open Court, 2006), pp. 151–69.

- Available online at <http://my.fit.edu/~aberdein/Raising.pdf>.

Balderdash and chicanery: Science and beyond. In *Buffy the Vampire Slayer and philosophy: Fear and trembling in Sunnydale*, James South, ed. (Chicago: Open Court, 2003), pp. 79–90.

- Published in Portuguese as *Palavrório e chicana: Ciência e além* in *Buffy a Caça-Vampiros e a filosofia: Medos e calafrios em Sunnydale*, James South, ed., Marcos Malvezzi Leal, tr. (São Paulo: Madras, 2004), pp. 87–97.

4.5 Conference Proceedings

Inference and virtue and *Commentary* on José Ángel Gascón, *Virtuous arguers: Responsible and reliable.* In *Proceedings of 2nd European Conference on Argumentation (ECA 2017), University of Fribourg, June 2017* (London: College Publications, forthcoming).

- Available online at <http://my.fit.edu/~aberdein/VirtueInference++.pdf> and <http://my.fit.edu/~aberdein/Gascon+.pdf>.

Virtue argumentation and bias and *Commentary* on Patrick Bondy, *Bias in legitimate ad hominem arguments.* In *Argumentation, Objectivity and Bias: Proceedings of the 11th International Conference of the Ontario Society for the Study of Argumentation (OSSA), May 18–21, 2016*, Patrick Bondy & Laura Benacquista, edd. (Windsor, ON: OSSA, 2016).

- Available online at <http://scholar.uwindsor.ca/ossaarchive/OSSA11/papersandcommentaries/>.

Does studying logic improve logical reasoning? (with Nina Attridge & Matthew Inglis). In *Proceedings of the 40th Conference of the International Group for the Psychology of Mathematics Education*, Csaba Csikos, Attila Rausch & Judit Sztányi, edd. (Szeged: PME, 2016), vol. 2, pp. 27–34.

- Available online at <https://dspace.lboro.ac.uk/2134/21445>.

Diversity in proof appraisal (with Matthew Inglis). In *Mathematical cultures: The London meetings 2012–2014*, Brendan Larvor, ed. (Basel: Birkhäuser, 2016), pp. 163–79.

- Available online at <http://my.fit.edu/~aberdein/BrendanBookPap10.pdf>.

Commentary on Andrzej Kisielewicz, *A new approach to argumentation and reasoning based on mathematical practice.* In *Argumentation and Reasoned Action: Proceedings of the First European Conference on Argumentation, Lisbon, 9–12 June 2015*, Dima Mohammed & Marcin Lewiński, edd. (London: College Publications, 2016), vol. 1, pp. 287–92.

- Available online at <http://my.fit.edu/~aberdein/Kisielewicz.pdf>.

Fallacy and argumentational vice; Commentary on Begoña Carrascal, *The practice of arguing and the arguments: Examples from mathematics* and *Commentary* on Michel Dufour, *Argument and explanation in mathematics.* In *Virtues of argumentation: Proceedings of the 10th International Conference of the Ontario Society for the Study of Argumentation (OSSA), May 22–25, 2013*, Dima Mohammed & Marcin Lewiński, edd. (Windsor, ON: OSSA, 2014).

- Available online at <http://scholar.uwindsor.ca/ossaarchive/OSSA10/papersandcommentaries/>.

The dialectical tier of mathematical proof and *Commentary* on William Brooke, *The formal failure and social success of logic.* In *Argumentation: Cognition & community. Proceedings of the 9th International Conference of the Ontario Society for the Study of Argumentation (OSSA), May 18–21, 2011*, Frank Zenker, ed. (Windsor, ON: OSSA, 2011).

- Available online at <http://scholar.uwindsor.ca/ossaarchive/OSSA9/papersandcommentaries/>.

Rationale of the mathematical joke. In *Proceedings of the International Symposium on Mathematical Practice and Cognition: A symposium at the AISB 2010 Convention*, Alison Pease, Markus Guhe, & Alan Smaill, edd. (Leicester: Society for the Study of Artificial Intelligence and the Simulation of Behaviour, 2010), pp. 1–6.

- Available online at <http://my.fit.edu/~aberdein/AberdeinAISB.pdf>.

Argumentation schemes and communities of argumentational practice and *Commentary* on Menashe Schwed, *A Wittgensteinian approach to rationality in argumentation*. In *Argument cultures: Proceedings of OSSA 2009*, Juho Ritola, ed. (Windsor, ON: OSSA, 2010).

- Available online at <http://scholar.uwindsor.ca/ossaarchive/OSSA8/papersandcommentaries/>.

Virtue argumentation. In *Proceedings of the Sixth Conference of the International Society for the Study of Argumentation*, Frans H. van Eemeren, J. Anthony Blair, Charles A. Willard, & Bart Garssen, edd. (Amsterdam: Sic Sat, 2007), pp. 15–19.

- Available online at <http://rozenbergquarterly.com/issa-proceedings-2006-virtue-argumentation/>.

Managing informal mathematical knowledge: Techniques from informal logic. In *MKM 2006 (Lecture notes in artificial intelligence 4108)*, Jonathan M. Borwein & William M. Farmer, edd. (Berlin: Springer, 2006), pp. 208–221.

- Available online at <http://my.fit.edu/~aberdein/IMKM.pdf>.

Proofs and rebuttals: Applying Stephen Toulmin's layout of arguments to mathematical proof. In *The Logica yearbook 2005*, Marta Bilková & Ondřej Tomala, edd. (Prague: Filosofia, 2006), pp. 11–23.

Post-classical logic? In *Wittgenstein and the future of philosophy: A reassessment after 50 years*, Rudolf Haller & Klaus Puhl, edd. (*Beiträge der Österreichischen Ludwig Wittgenstein Gesellschaft* 9(1), 2001), pp. 22–28.

- Available online at <http://www.alws.at/images/preproceedings/preproceedings.2001.1.pdf>.

Classical recapture. In *Prospettive della logica e della filosofia della scienza*, Vincenzo Fano, Gino Tarozzi, & Massimo Stanzione, edd. (Catanzaro: Rubettino, 2001), pp. 11–18.

- Available online at <http://arXiv.org/abs/math.LO/0303313>.

Persuasive definition. In *Argumentation and rhetoric*, Hans V. Hansen, Christopher W. Tindale, & Athena V. Colman, edd. (Newport News, VA: Vale Press, 1998).

- Available online at http://my.fit.edu/~aberdein/Aberde_P.htm.

4.6 Contributions to Reference Works

Argumentation theory; Arnauld, Antoine; Chrysippus; Euler diagrams; Inference, Rules of; Jevons, William S.; Logic, Quantum; Logique de Port Royal; Novum organum; Practical syllogism; Saccheri, Girolamo; Square of opposition and Syllogism. In *Key terms in logic*, Federica Russo & Jon Williamson, edd. (London: Continuum, 2010), pp. 6–7; 114; 119–120; 25; 38–40; 129; 60–1; 162–3; 165–6; 79; 146; 94–5; 96–8.

- Some of these appeared in *The reasoner* 3(2), 2009, p. 13; 3(5), 2009, pp. 12–13; 3(8), 2009, p. 15; 4(1), 2010, pp. 12–13; 4(3), 2010, pp. 43–4. They are available online at <http://www.thereasoner.org/>.

Biology: Classification systems. In *Scientific thought: In context*, K. Lee Lerner & Brenda Wilmoth Lerner, edd. (Farmington Hills, MI: Gale, 2008), Vol. 1, pp. 167–76.

Induction, Mathematical. In *Continuum encyclopedia of British philosophy*, A. C. Grayling, Andrew Pyle, & Naomi Goulder, edd. (London: Continuum, 2006), Vol. 2, pp. 1618–19.

Introduction to the new edition. In Euclid's *The elements: Books I–XIII* (New York: Barnes & Noble, 2006), pp. vii–xvii.

William Burnside; Alfred Bray Kempe and Thomas Penyngton Kirkman. In *Dictionary of 19th-century British scientists*, Bernard Lightman, ed. (Bristol: Thoemmes Continuum, 2004), pp. 349–50; 1124–5; 1149–51.

4.7 Reviews

Murawski, Roman, *Some historical, philosophical and methodological remarks on proof in mathematics. Concepts of proof in mathematics, philosophy, and computer science*, 251–267, *Ontos Math. Log.*, 6, De Gruyter, Berlin, 2016. *Mathematical reviews* MR3643391, 2017.

- Available online at <http://www.ams.org/mathscinet/pdf/3643391.pdf>.

Carnielli, Walter; Rodrigues, Abilio, *Paraconsistency and duality: between ontological and epistemological views*. *The Logica yearbook 2015*, 39–56, Coll. Publ., [London], 2016. *Mathematical reviews* MR3585982, 2017.

- Available online at <http://www.ams.org/mathscinet/pdf/3585982.pdf>.

Francine F. Abeles; Mark E. Fuller (Editors). *Modern Logic 1850–1950, East and West*. (Studies in Universal Logic.) xiii + 258 pp., figs. Basel: Springer, 2016. *Isis: Journal of the History of Science Society* 108(3), 2017, pp. 719–20.

Ripley, David, *Vagueness is a kind of conflation*, *Log. Log. Philos.* 26 (2017), no. 1, 115–135. *Mathematical reviews* MR3625681, 2017.

- Available online at <http://www.ams.org/mathscinet/pdf/3625681.pdf>.

Steinberger, Florian, *Explosion and the normativity of logic*, *Mind* 125 (2016), no. 498, 385–419. *Mathematical reviews* MR3548161, 2017.

- Available online at <http://www.ams.org/mathscinet/pdf/3548161.pdf>.
- Moss, Lawrence S., *Syllogistic logic with cardinality comparisons*. *J. Michael Dunn on information based logics*, 391–415, *Outst. Contrib. Log.*, 8, Springer, [Cham], 2016. *Mathematical reviews* MR3526513, 2017.
 - Available online at <http://www.ams.org/mathscinet/pdf/3526513.pdf>.
- Leonard Nelson: *A theory of philosophical fallacies*. Translated by Fernando Leal and David Carus (Argumentation Library, Vol. 26) Springer, Cham, Switzerland, 2016, vi + 211 pp. *Argumentation* 31(2), 2017, pp. 455–61.
 - Available online at <http://my.fit.edu/~aberdein/Nelson.pdf>.
- Mohan Ganesalingam. *The language of mathematics: A linguistic and philosophical investigation*. FoLLI Publications on Logic, Language and Information. Springer, 2013. *Philosophia mathematica* 25(1), 2017, pp. 143–7.
 - Available online at <http://my.fit.edu/~aberdein/Ganesalingam+.pdf>.
- Petrukhin, Y. I., *Correspondence analysis for first degree entailment*. *Log. Issled.* 22 (2016), no. 1, 108–124. *Mathematical reviews* MR3515564, 2017.
 - Available online at <http://www.ams.org/mathscinet/pdf/3515564.pdf>.
- Choudhury, Lopamudra and Chakraborty, Mihir Kumar, *Singular propositions, negation and the square of opposition*. *Log. Univers.* 10 (2016), no. 2–3, 215–231. *Mathematical reviews* MR3513315, 2017.
 - Available online at <http://www.ams.org/mathscinet/pdf/3513315.pdf>.
- Başkent, Can *Towards paraconsistent inquiry*. *Australas. J. Log.* 13 (2016), no. 2, 21–40. *Mathematical reviews* MR3471587, 2017.
 - Available online at <http://www.ams.org/mathscinet/pdf/3471587.pdf>.
- Beall, J. C. *Trivializing sentences and the promise of semantic completeness*. *Analysis* 75 (2015), 573–584. *Mathematical reviews* MR3429240, 2016.
 - Available online at <http://www.ams.org/mathscinet/pdf/3429240.pdf>.
- Ripley, David *Naïve set theory and nontransitive logic*. *Rev. Symb. Log.* 8 (2015), 553–571. *Mathematical reviews* MR3388735, 2016.
 - Available online at <http://www.ams.org/mathscinet/pdf/3388735.pdf>.
- Marcus, Russell *Autonomy platonism and the indispensability argument*, Lexington Books, Lanham, MD, 2015. *Mathematical reviews* MR3363568, 2016.
 - Available online at <http://www.ams.org/mathscinet/pdf/3363568.pdf>.
- Angere, Staffan *The logical structure of truthmaking*. *J. Philos. Logic* 44 (2015), 351–374. *Mathematical reviews* MR3375616, 2016.
 - Available online at <http://www.ams.org/mathscinet/pdf/3375616.pdf>.
- Mancosu, Paolo *In good company? On Hume's principle and the assignment of numbers to infinite concepts*. *Rev. Symb. Log.* 8 (2015), no. 2, 370–410. *Mathematical reviews* MR3348004, 2015.
 - Available online at <http://www.ams.org/mathscinet/pdf/3348004.pdf>.
- Asay, Jamin *Epistemicism and the liar*. *Synthese* 192 (2015), no. 3, 679–699. *Mathematical reviews* MR3339232, 2015.
 - Available online at <http://www.ams.org/mathscinet/pdf/3339232.pdf>.
- Rabb, J. Douglas and J. Michael Richardson *Joss Whedon as Shakespearean moralist: Narrative ethics of the Bard and the Buffyverse*. Jefferson, NC: McFarland, 2015. *Studies in popular culture* 37(2), 2015, pp. 167–9.
- Derosset, Louis *On weak ground*. *Rev. Symb. Log.* 7 (2014), no. 4, 713–744. *Mathematical reviews* MR3285850, 2015.
 - Available online at <http://www.ams.org/mathscinet/pdf/3285850.pdf>.
- Beall, J. C. *Finding tolerance without gluts*. *Mind* 123 (2014), no. 491, 791–811. *Mathematical reviews* MR3271062, 2015.
 - Available online at <http://www.ams.org/mathscinet/pdf/3271062.pdf>.
- Priest, Graham *Plurivalent logics*, *Australas. J. Log.* 11 (2014), no. 1, 2–13. *Mathematical reviews* MR3226943, 2015.
 - Available online at <http://www.ams.org/mathscinet/pdf/3226943.pdf>.
- Copeland, B. Jack & Shagrir, Oron *Turing versus Gödel on computability and the mind*, in *Computability—Turing, Gödel, Church, and beyond*, 1–33, MIT Press, Cambridge, MA, 2013. *Mathematical reviews* MR3156382, 2014.
 - Available online at <http://www.ams.org/mathscinet/pdf/3156382.pdf>.
- John Ziman *Real science: What it is, and what it means*. *Metapsychology* 7(35), 2003.
 - Available online at <http://mentalhelp.net/books/books.php?type=de&id=1864>.
- Douglas Walton *One-sided arguments: A dialectical analysis of bias*. *Philosophy in review* 21(2), 2001, pp. 152–4.
 - Available online at <http://journals.uvic.ca/index.php/pir/issue/view/399>.
- Dale Jacqueline *Meinongian logic*. *Philosophy in review* 17(3), 1997, pp. 176–8.
 - Available online at <http://journals.uvic.ca/index.php/pir/issue/view/425>.
- Edouard Morot-Sir *The imagination of reference II: Perceiving, indicating, naming*. *Canadian philosophical reviews* 16(4), 1996, pp. 270–1.
 - Available online at <http://journals.uvic.ca/index.php/pir/issue/view/431>.

4.8 Abstracts

Combining Toulmin layouts. *Bulletin of symbolic logic* 13(2), 2007, p. 265.

- Available online at <http://www.math.ucla.edu/~asl/bsl/1302/1302-005.ps>.

Definition and persuasion. *12th International Congress of Logic, Methodology and Philosophy of Science: Volume of abstracts*, Eva Álvarez, Roger Bosch, & Lorena Villamil, edd. (Oviedo: Universidad de Oviedo, 2003), p. 495.

Anomalies and the development of non-classical logic. *Collegium logicum: Annals of the Kurt Gödel Society* 4, 2001, p. 43.

- Reprinted in *Bulletin of symbolic logic* 8(1), 2002, p. 123.
- Available online at <http://www.math.ucla.edu/~asl/bsl/0801/0801-006.ps>.

Recapture and progress in logic. *11th International Congress of Logic, Methodology and Philosophy of Science: Volume of abstracts*, Jacek Cachro & Katarzyna Kijania-Placek, edd. (Cracow: Jagiellonian University Press, 1999), p. 248.

How to be a deviant logician: A taxonomy of logical difference. *Bulletin of symbolic logic* 4(4), 1998, pp. 448–9.

- Available online at <http://www.math.ucla.edu/~asl/bsl/0404/0404-005.ps>.

5 Presentations

*Paper refereed; †Abstract refereed; §Invited; ¶Presented by coauthor(s) in my absence.

2018

†Eudaimonistic argumentation. *ISSA 2018: Ninth Conference of the International Society for the Study of Argumentation*, University of Amsterdam, July 2018.

§Disagreement. *Lifelong Scholar Society*, Florida Institute of Technology, Melbourne, FL, May 2018.

2017

§Redefining mathematical revolutions. *Enabling Mathematical Cultures*, Oxford University, December 2017.

§Arrogance and deep disagreement. *Arrogance and Polarisation in Debate: Changing Attitudes in Public Discourse*, Cardiff University, November 2017.

†A virtuous resolution to deep disagreements? *Florida Philosophical Association Meeting*, College of Central Florida, Ocala, FL, November 2017.

†Courage as a virtue of argument. *Ninth European Congress of Analytic Philosophy (ECAP9)*, LMU Munich, August 2017.

†Inference and virtue and §Commentary on José Ángel Gascón, *Virtuous arguers: Responsible and reliable*. *2nd European Conference on Argumentation (ECA 2017)*, University of Fribourg, June 2017.

§The virtues of reason. *Lifelong Scholar Society*, Florida Institute of Technology, Melbourne, FL, May 2017.

§There's glory for you! *Redefining revolutions*. *Philosophy Department Colloquium*, University of Nevada, Las Vegas, March 2017.

§The dual nature of proof. *Special session on proofs in mathematical practice, North American Meeting of the Association for Symbolic Logic*, Boise State University, March 2017.

§Evidence, proofs, and derivations. *Symposium on mathematical evidence and argument*, Universität Bremen, March 2017.

2016

*¶Does studying logic improve logical reasoning? (with Nina Attridge & Matthew Inglis). *40th Conference of the International Group for the Psychology of Mathematics Education*, University of Szeged, Hungary, August 2016.

†Whedonian trolleyology. *7th Slayage Conference on the Whedonverses*, Kingston University, Kingston-upon-Thames, July 2016.

†Was Aristotle a virtue argumentation theorist? *Argumentation in Classical Antiquity: Dialectic, Rhetoric & Other Domains*, Humboldt-Universität zu Berlin, June 2016.

†Virtue argumentation and bias and §Commentary on Patrick Bondy, *Bias in legitimate ad hominem arguments*. *Argumentation, objectivity and bias: 11th International Conference of the Ontario Society for the Study of Argumentation*, University of Windsor, ON, May 2016.

†Occupy Mars: How to get everyone on board (with Moti Mizrahi). *Buzz Aldrin Space Institute (BASI) Workshop*, Florida Institute of Technology, January 2016.

2015

§Arguments with losers. Presidential address to *Florida Philosophical Association Meeting*, Flagler College, St. Augustine, FL, November 2015.

§Aristotle's Organon. *Ten Books that Shaped the World*, Evans Library, Florida Institute of Technology, October 2015.

†Diversity in proof appraisal (with Matthew Inglis). *15th Congress of Logic, Methodology and Philosophy of Science*, University of Helsinki, August 2015.

†Virtuous practical reasoning and §Commentary on Andrzej Kisielewicz, *A new approach to argumentation and reasoning based on mathematical practice*. *1st European Conference on Argumentation (ECA 2015)*, Universidade Nova de Lisboa, June 2015.

§Philosophy and The Hitchhiker's Guide to the Galaxy. *An Evening of Readings*, Evans Library, Florida Institute of Technology, February 2015.

2014

*Diversity in proof appraisal (with Matthew Inglis). *Buffalo Annual Experimental Philosophy Conference*, The University at Buffalo, September 2014.

†Small-scale arguments-that within large-scale arguments-about (with Alison Pease and Ursula Martin). *Workshop on Argument Mining: Perspectives from Information Extraction, Information Retrieval and Computational Linguistics*, University of Dundee, July 2014.

†Conclusive arguments. *ISSA 2014: Eighth Conference of the International Society for the Study of Argumentation*, University of Amsterdam, July 2014.

†Virtue argumentation theory (with Daniel H. Cohen). *Fifteenth Biennial Wake Forest University Argumentation Conference*, Winston-Salem, NC, April 2014.

§The personality of mathematical proofs (with Matthew Inglis). *Mathematical Sciences Departmental Colloquium*, Florida Institute of Technology, January 2014.

2013

§Reply to Steve Gimbel, Heckler ethics. *7th Annual Lighthearted Philosophers' Society Meeting*, Treasure Island, FL, October, 2013.

†Explanation and explication in mathematical practice (with Matthew Inglis). *Second International Meeting of the Association for the Philosophy of Mathematical Practice*, University of Illinois at Urbana-Champaign, October 2013.

†¶The personality of mathematical proofs (with Matthew Inglis). *Mathematical Cultures II*, De Morgan House, London, September 2013.

§The personality of mathematical proofs (with Matthew Inglis). *Comprehending Mathematical Proofs: A One-Day Workshop*, University of Loughborough, July 2013.

†The personality of mathematical proofs (with Matthew Inglis). *British Society for Research into Learning Mathematics Day Conference*, Sheffield Hallam University, June 2013.

§Types of dialogue in mathematics. *Workshop on argumentation in mathematics*, University of Groningen, May 2013.

†Fallacy and argumentational vice; §Commentary on Begoña Carrascal, *The practice of arguing and the arguments: Examples from mathematics*; and §Commentary on Michel Dufour, *Argument and explanation in mathematics. Virtues of argumentation: 10th International Conference of the Ontario Society for the Study of Argumentation*, University of Windsor, ON, May 2013.

§The philosophy of mathematical practice as an approach to logic. *Workshop on the historical and empirical approach to logic*, University of Windsor, ON, May 2013.

§Arguing over mathematics: Mathematical practice and malpractice, *CRRAR Talk*, University of Windsor, ON, May 2013.

†An empirical investigation into explanation in mathematical conversations (with Alison Pease). *Ethics and Explanation 2013*, University of Nottingham, January 2013.

§Identifying communities of rigour. *Mathematics Education Centre Research Workshop*, University of Loughborough, January 2013.

2012

§An empirical investigation into explanation in mathematical conversations (with Alison Pease). *Scottish Theorem Provers Meeting*, University of Edinburgh, December 2012.

§Identifying communities of rigour: Argumentation schemes, communities of practice & dialogue types. *DReaM Talk*, University of Edinburgh, November 2012.

§Arguing over mathematics. *Stephen Read Retirement Workshop*, University of St Andrews, November 2012.

§Arguing over mathematics: Mathematical practice and malpractice. *Computational Creativity Meeting*, University of Edinburgh, October 2012.

*The parallel structure of mathematical reasoning. *Symposium on Mathematical Practice and Cognition II, AISB/IACAP World Congress 2012*, University of Birmingham, July 2012.

†Mathematical monstrosity: Lovecraft's geometry, Borges's infinity, and beyond. *33rd Annual International Conference on the Fantastic in the Arts*, Orlando, FL, March, 2012.

2011

*The judo principle and the logic of jokes. *5th Annual Lighthearted Philosophers' Society Meeting*, Treasure Island, FL, October, 2011.

§Explanation and argument in mathematical practice. *Association for the Philosophy of Mathematical Practice Affiliated Symposium, 14th Congress of Logic, Methodology and Philosophy of Science*, Université de Nancy 2, July 2011.

†Explanation and argument in mathematical practice. *Third biennial conference of the Society for the Philosophy of Science in Practice*, University of Exeter, June 2011.

†The dialectical tier of mathematical proof; and §Commentary on William Brooke, *The formal failure and social success of logic. Argumentation: Cognition & Community*, University of Windsor, ON, May 2011.

2010

†Francis Bacon, prerogative instances, and argumentation schemes. *SILFS 2010: Italian Society for Logic and Philosophy of Science International Conference*, Convento di Sant'Agostino, Bergamo, December 2010.

*Are arguments for the censorship of pornography self-refuting? *Florida Philosophical Association Meeting*, Daytona Beach, FL, November 2010.

*Rationale of the mathematical joke. *4th Annual Lighthearted Philosophers' Society Meeting*, Treasure Island, FL, October, 2010.

*Are arguments for the censorship of pornography self-refuting? *Joint Session of the Aristotelian Society and the Mind Association*, University College Dublin, July 2010.

†Argumentation schemes and mathematical practice. *ISSA 2010: Seventh Conference of the International Society for the Study of Argumentation*, University of Amsterdam, June 2010.

†Francis Bacon, prerogative instances, and argumentation schemes. **HOPOS 2010: International Society for the History of Philosophy of Science**, Central European University, Budapest, June 2010.

†Epistemic luck and mathematical practice. **From Practice to Results in Logic and Mathematics**, Université de Nancy 2, June 2010.

†The apocalyptic bordello. **SC4: The Slayage Conference on the Whedonverses**, Flagler College, St. Augustine, FL, June 2010.

§Rationale of the mathematical joke. **Symposium on Mathematical Practice and Cognition, AISB 2010**, De Montfort University, Leicester, March 2010.

2009

*Is mathematical reasoning just reasoning about mathematics? **Florida Philosophical Association Meeting**, Gainesville, FL, November 2009.

*Strange bedfellows: The interpenetration of philosophy and pornography. **3rd Annual Lighthearted Philosophers' Society Meeting**, St. Petersburg, FL, October, 2009.

†Communities of logical practice. **Practice-based philosophy of logic and mathematics workshop**, University of Amsterdam, August 2009.

†Arguing over mathematics. **Two streams in the philosophy of mathematics: Rival conceptions of mathematical proof**, University of Hertfordshire, Hatfield, July 2009.

†Argumentation schemes and communities of argumentational practice; and §Commentary on Menashe Schwed, *A Wittgensteinian approach to rationality in argumentation*. **Argument Cultures: Ontario Society for the Study of Argumentation Conference**, University of Windsor, ON, June 2009.

2008

*Mathematical luck. **Florida Philosophical Association Meeting**, Daytona Beach, FL, November 2008.

*A shaggy dog story. **2nd Annual Lighthearted Philosophers' Society Meeting**, St. Petersburg College, St. Petersburg, FL, October 2008.

†Is mathematical reasoning just reasoning about mathematics? **British Society for the Philosophy of Science Summer Conference**, University of St. Andrews, July 2008.

†Is mathematical reasoning just reasoning about mathematics? **PhiMSAMP-3: Is Mathematics Special?**, Universität Wien, May 2008.

§Mathematical fallacies and informal logic. **Philosophy Department Colloquium**, University of Nevada, Las Vegas, February 2008.

2007

*The virtues of argument. **Joint Session of the Aristotelian Society and the Mind Association**, University of Bristol, July 2007.

†Fallacies in mathematics. **British Society for Research into Learning Mathematics Day Conference**, Sheffield Hallam University, June 2007.

†Learning from our mistakes—but especially from our fallacies and howlers. **PMP 2007: Perspectives on Mathematical Practices**, Vrije Universiteit Brussel, March 2007.

†Blasphemy and pornography as speech acts. **Conference on Heresy, Blasphemy, and Freedom of Expression**, University of Central Florida, Orlando, FL, January 2007.

2006

*Managing informal mathematical knowledge: Techniques from informal logic. **MKM 2006: The 5th International Conference on Mathematical Knowledge Management**, Wokingham, UK, August 2006.

†Combining Toulmin layouts. **Association of Symbolic Logic European Meeting**, Radboud University, Nijmegen, July 2006.

†Virtue argumentation. **ISSA 2006: Sixth Conference of the International Society for the Study of Argumentation**, University of Amsterdam, June 2006.

†Companions and Socrates. **SC2: The Slayage Conference on the Whedonverses**, Gordon College, Barnesville, GA, May 2006.

2005

*Hybrid pluralism. **Florida Philosophical Association Meeting**, Cocoa Beach, FL, November 2005.

*Hybrid pluralism. **Joint Session of the Aristotelian Society and the Mind Association**, University of Manchester, July 2005.

†Insane troll logic: Popular culture as philosophical heuristic. **Bring Your Own Subtext: Social life, human experience and the works of Joss Whedon**, University of Huddersfield, June 2005.

†The uses of argument in mathematics. **19th International Symposium LOGICA 2005**, Hejnice Monastery, Czech Republic, June 2005.

†The uses of argument in mathematics; and §Reply to Daniel H. Cohen, *When arguments backfire*. **Ontario Society for the Study of Argumentation Conference**, McMaster University, May 2005.

2004

§Recent issues in logic. **Computer Sciences Seminar**, Florida Institute of Technology, October 2004.

†Insane troll logic: Popular culture as philosophical heuristic. **SC1: The Slayage Conference on Buffy the Vampire Slayer**, Nashville, TN, May 2004.

2003

†Definition and persuasion. **12th International Congress of Logic, Methodology and Philosophy of Science**, Universidad de Oviedo, August 2003.

§Mathematical argumentation: A pragma-dialectical approach. **Staff Research Symposium**, University of Edinburgh, March 2003.

2002

†*Mathematical argumentation: A pragma-dialectical approach*. *PMP 2002: Perspectives on Mathematical Practices*, Vrije Universiteit Brussel, October 2002.

†*Balderdash and chicanery*. *Blood, Text and Fears*, UEA Norwich, October 2002.

†*Deviance, logic and deviant logic*. *Society for the Social History of Medicine Research Symposium*, University of Manchester, July 2002.

†*Three grades of supernatural involvement*. *Postmodernism and Spirituality Conference*, University of Central Lancashire, Preston, March 2002.

§*Quantum logic*. *Computer Science Seminar Series*, University of Liverpool, January 2002.

2001

†*Anomalies and the development of logic*. *British Logic Colloquium*, University of Manchester, September 2001.

**Post-classical logic?* *24th International Wittgenstein Symposium*, Kirchberg, Austria, August 2001.

†*Anomalies and the development of non-classical logic*. *Association of Symbolic Logic European Meeting*, Technische Universität Wien, August 2001.

†*Whatever happened to quantum logic?* *British Society for the Philosophy of Science Summer Conference*, University of York, July 2001.

1999

†*Recapture and progress in logic*. *11th International Congress of Logic, Methodology & Philosophy of Science*, Jagiellonian University, Cracow, August 1999.

§*Applying Lakatos to logic*. *Programmes in Mathematics Conference*, University of Hertfordshire, July 1999.

1998

†*How to be a deviant logician: A taxonomy of logical difference*. *Association of Symbolic Logic Annual Meeting*, University of Toronto, May 1998.

1997

†*Persuasive definition*. *Ontario Society for the Study of Argumentation Conference*, Brock University, St Catharines, ON, May 1997.

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