

## 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 & 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* 51(4), forthcoming.

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

- Contributors: Andrew Aberdein & Matthew Inglis; Benedikt Löwe & Bart Van Kerkhove; Helen De Cruz; Catarina Dutilh Novaes; Josephine Relaford-Doyle & Rafael Núñez; Keith Weber & Juan Pablo Mejía-Ramos; Robert Barnard & Joseph Ulatowski; Igor Douven; Moti Mizrahi; David Over & Nicole Cruz; Michael J. Shaffer & James Beebe.

*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

*Explanation in mathematical conversations: An empirical investigation* (with Alison Pease & Ursula Martin). *Philosophical transactions of the Royal Society A*, forthcoming.

- Available online at <https://ora.ox.ac.uk/objects/uuid:51e2376a-1f02-43c8-a245-bd7d3e3bdb0a>.

*Virtuous norms for visual arguers*. *Argumentation* 32(1), 2018, pp. 1–23.

- 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](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](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, 2018), pp. 133–54.

- Available online at <https://arxiv.org/abs/1810.07038>.

*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.

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*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).
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*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.

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*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 Gascón, *Virtuous arguers: Responsible and reliable*. In *Argumentation and inference: Proceedings of the 2nd European Conference on Argumentation, Fribourg 2017*, Steve Oswald & Didier Maillat, edd. (London: College Publications, 2018), vol. 2, pp. 1–9; vol. 1, pp. 123–8.

- Available online at <http://my.fit.edu/~aberdein/VirtueInference++.pdf> & <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 Kisiielewicz, *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/Kisiielewicz.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).

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*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).

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*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 Bílková & 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](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 <https://scholar.uwindsor.ca/ossaarchive/OSSA2/papersandcommentaries/2/>.

## 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

Arenhart, Jonas R. Becker & Melo, Ederson Safra, *Classical negation strikes back: Why Priest's attack on classical negation can't succeed*, *Log. Univers.* 11 (2017), no. 4, 465–487. *Mathematical reviews* MR3722256, 2018.

- Available online at <http://www.ams.org/mathscinet/pdf/3722256.pdf>.

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## 4.8 Abstracts

- Virtue epistemology of mathematical practices* (with Colin Rittberg & Fenner Tanswell). *The reasoner* **12**(10), 2018, pp. 79–80.
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- The dual nature of proof*. *Bulletin of symbolic logic* **24**(1), 2018, p. 130.
  - Available online at <https://doi.org/10.1017/bsl.2018.8>.
- 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

§*Virtues, arguments, and mathematical practice*. *Workshop on Virtue Epistemology of Mathematical Practices*, Vrije Universiteit Brussel, July 2018.

§*Virtue, vice, and deep disagreement*. Center for Logic and Philosophy of Science, Vrije Universiteit Brussel, July 2018.

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

†*Virtues, arguments, and mathematical practice*. *SPSP 2018: 7th biennial conference of the Society for the Philosophy of Science in Practice*, Ghent, June 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 Kisielawicz, *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. *SPSP 2011: 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.