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# Seamus Bradley

**Areas of Specialisation** Decision Theory, Formal Epistemology, Philosophy of Science

**Areas of Competence** Logic, Philosophy of Mathematics, Philosophy of Probability, History of Science, Philosophy of Physics, Epistemology

## EMPLOYMENT

**August 2018 – present** Marie Curie Individual Fellow, University of Leeds

**August 2016 – July 2018** Assistant Professor, University of Tilburg

**January 2013 – August 2016** Postdoctoral Research Fellow, Munich Centre for Mathematical Philosophy, LMU Munich

## EDUCATION

**2008 – 2012** PhD in Philosophy, London School of Economics – Title: *Scientific Uncertainty and Decision Making*. Passed with minor corrections. Examiners: James M. Joyce and Jon Williamson

**2007 – 2008** MA in History and Philosophy of Science, University of Bristol – Title: *Structuralism and Geometry*. Distinction

**2004 – 2007** BSc in Mathematics and Philosophy, University of Warwick 2:1

## PUBLICATIONS

Baldissera Pacchetti, Marina, Suraje Dessai, Seamus Bradley, et al. (2021). “Assessing the Quality of Regional Climate Information”. In: *Bulletin of the American Meteorological Society* 102.3, E476–E491.

Baldissera Pacchetti, Marina, Suraje Dessai, David A. Stainforth, et al. (2021). “Assessing the quality of the state-of-the-art regional climate information: the case of the UK Climate Projections 2018”. In: *Climatic Change* 168.1, pp. 1–25.

Weinberger, Naftali and Seamus Bradley (2020). “Making sense of non-factual disagreement in science”. In: *Studies in the History and Philosophy of Science Part A* 83, pp. 36–43.

Bradley, Seamus (2019a). “A Counterexample to Three Imprecise Decision Theories”. In: *Theoria* 85.1, pp. 18–39.

Bradley, Seamus (2019b). “Aggregating Belief Models”. In: *Proceedings of ISIPTA 2019*. Proceedings of Machine Learning Research.

Bradley, Seamus (2019c). “Imprecise Probabilities”. In: *Computer Simulation Validation*. Ed. by Claus Beisbart and Nicole Saam. Springer.

Bradley, Seamus and Karim Thébault (2019). “Models on the move: Migration and imperialism”. In: *Studies in History and Philosophy of Science Part A* 77, pp. 81–92.

- Thébault, Karim, Seamus Bradley, and Alexander Reutlinger (2018). “Modelling Inequality”. In: *British Journal for the Philosophy of Science* 69.3, pp. 691–718.
- Bradley, Seamus (2017a). “Are Objective Chances Compatible with Determinism?” In: *Philosophy Compass* 12.8.
- Bradley, Seamus (2017b). “Constraints on rational theory choice”. In: *British Journal for the Philosophy of Science* 68.3, pp. 639–661.
- Bradley, Seamus (2017c). “Nonclassical probability and convex hulls”. In: *Erkenntnis* 82.1, pp. 87–101.
- Bradley, Seamus (2016a). “Imprecise Probabilities”. In: *The Stanford Encyclopedia of Philosophy*. Ed. by Edward N. Zalta. Winter 2016. Metaphysics Research Lab, Stanford University.
- Bradley, Seamus (2016b). “Vague Chance?” In: *Ergo* 3.20.
- Bradley, Seamus and Katie Steele (2016). “Can free evidence be bad?: Value of information for the imprecise probabilist”. In: *Philosophy of Science* 83.1, pp. 1–28.
- Bradley, Seamus (2015). “How to choose among choice functions”. In: *ISIPTA '15: Proceedings of the Ninth International Symposium on Imprecise Probability: Theories and Applications*. Ed. by Thomas Augustin et al., pp. 57–66. URL: <http://www.sipta.org/isipta15/data/paper/9.pdf>.
- Bradley, Seamus and Katie Steele (2014a). “Should subjective probabilities be sharp?” In: *Episteme* 11.3, pp. 277–289.
- Bradley, Seamus and Katie Steele (2014b). “Uncertainty, learning and the “problem” of dilation”. In: *Erkenntnis* 79.6, pp. 1287–1303.
- Frigg, Roman et al. (2014). “Laplace’s Demon and the adventures of his apprentice”. In: *Philosophy of Science* 81.1, pp. 31–59.

## RECENT TALKS

### How to be an imprecise impermissivist

- October 22, 2021, Bristol EpImp inaugural conference, University of Bristol

### Coherence, Learning and Invariance

- August 12, 2020, Bayesian Epistemology Perspectives and Challenges, MCMP Munich

### Belief models, aggregation and impossibility

- October 4, 2019 – October 4, 2019, ColAForm workshop LSE
- October 12, 2018, KCL seminar

### Aggregating belief models

- July 7, 2019, PROGIC workshop, Frankfurt School of Finance and Management
- June 3, 2019 – June 6, 2019, ISIPTA 2019 conference, University of Ghent
- May 24, 2019, Bristol Inference and Decision Workshop
- April 2, 2019, University of Kent seminar
- October 10, 2018, LSE Choice Group

### Formal Epistemology: What are the rules of the game and why bother playing it?

- September 11, 2018 – September 12, 2018 What are degrees of belief? workshop *University of Leeds*
- June 26, 2018 – June 27, 2018 Recent Debates in Formal Epistemology *Universität Köln*
- June 21, 2018 Groningen Grolog lecture series *Groningen University*

### Learning from dilation and belief inertia

- June 20, 2017 – June 21, 2017 Experience and Updating *Universität Bochum*
- June 27, 2014 – June 28, 2014 Imprecise Probabilities in Statistics and Philosophy *Munich Centre for Mathematical Philosophy, LMU*

- June 23, 2014 – June 24, 2014 Reasoning club conference *University of Kent*

**Sequential choice is hard (so stop giving imprecise bayesians a hard time about it)**

- June 01, 2017 Tilburg Epistemology and Philosophy of Science seminar series *University of Tilburg*

**Rational decisions under severe uncertainty: a philosophical perspective**

- May 22, 2017 – May 24, 2017 Coping with uncertainty: normative approaches, current practice *École Normale Supérieure, Paris*

**Fleshing out the ‘levels’ argument for compatibilism about chance and determinism**

- September 15, 2016 Tilburg Epistemology and Philosophy of Science seminar series *University of Tilburg*

**Philosophers as Mediators: the Case of Econophysics**

- September 05, 2016 – September 07, 2016 René Descartes Lectures 2016 Workshop *University of Tilburg*

## TEACHING

In August 2019 I was awarded the Fellowship of the Higher Education Authority.

**Leeds** 2018–present

- Philosophy of the Social Sciences

**Tilburg** 2016–2018

- Science and Public Policy
- Logic, Language and Information
- Science, Society and Information
- Philosophy of Science for Economists
- Thinking About Science
- Philosophy of Science for International Business Administration

**Munich** 2013–2016

- Social Epistemology
- Topics in Metaphysics
- Philosophy of Economics (with Catherine Herfeld)
- Evidence and Scientific Method
- Practical Rationality: Individual, Strategic and Social Choice
- Philosophy of Climate Change (with Mathias Frisch)

**LSE** 2009–2012

- Evidence and Scientific Method (TA)
- Introductory Logic (TA)

## GRANTS AND AWARDS

### GRANTS

- IPMRB: Imprecise Probabilities as a Model of Rational Belief. Marie Curie Individual Fellowship (2018–2020) Estimated project costs: €183,454
- REACT: Responsible Evidence and Advice for Climate and Technology. Leeds University pump-priming funding. (as Co-I. P.I.s: Suraje Dessai and Rob Lawlor) Estimated project costs £30,000

### PLANNED AND PENDING GRANT PROPOSALS

- Learning, Unawareness and Advanced Contents, AHRC standard grant proposal. (as Co-I, J.R.G. Williams as P.I.)
- Conflict and Interaction across Value Domains, UKRI Future Leaders Fellowship (as PI)

### PRIZES AND MINOR AWARDS

- Watkins prize for best work by a graduate student in LSE philosophy in an area to which John Watkins contributed.
- CEDIES Luxembourgish Government study grants. Fees and Maintenance.
- LSE travel grant for DGL10 conference, Paris.
- Dutch Science Organisation travel grant for EPSA conference, Athens.

### SERVICES TO THE PROFESSION

- Referee for British Journal for the Philosophy of Science, European Journal for the Philosophy of Science, Erasmus Journal of Philosophy and Economics, Erkenntnis, Synthese, International Journal of Approximate Reasoning, Philosophy of Science Minds and Machines, Entropy, International Studies in the Philosophy of Science, Logique et Analyse, Journal of Mathematical Psychology, Foundations of Science, Theory and Decision and, Mind
- Referee for conferences including 4th Annual Graduate Philosophy of Probability Conference, LSE; North American Summer School of Logic, Language, and Information, Maryland; Agent-based Modeling in Philosophy, MCMP; International Symposium on Imprecise Probability: Theory and Applications 15, Pescara, Italy; Formal Epistemology Workshop 2016, Groningen; The Semantics of Scientific Theories, MCMP; MuST9, Evidence, Inference and Risk, MCMP; Bayesian Epistemology, Perspectives and Challenges MCMP.

### MISCELLANEOUS

- Native English speaker, fluent in French, intermediate level of Italian, basic German
- Familiar with TeX/LaTeX, R, Python, NetLogo, HTML/CSS