

# Joe Roussos

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## Education

**PhD Philosophy, 2016–2020 (ex.)**

*London School of Economics*

Supervisors: Roman Frigg, Richard Bradley

**MASt Applied Mathematics and Theoretical Physics, 2011–12**

Specialisation: Particle Physics, Effective Field Theories

*University of Cambridge*

**BSc Physics, Philosophy, Mathematics, 2006–2011**

Included Honours year specialising in Theoretical Physics

*University of Witwatersrand, Johannesburg*

## Research interests

**Areas of specialisation:** Decision Theory, Philosophy of Science, Epistemology

**Areas of competence:** Philosophy and Public Policy, Philosophy of Climate Science

## Papers

**Making confident decisions with model ensembles** (under review)

Co-authors: Roman Frigg, Richard Bradley

**Formal epistemology as modelling** (manuscript)

**Expert disagreement, scoring rules and values** (manuscript)

## Other Projects

- What are the objects of credence? (Draft paper)
- Challenging the “linear model” of scientist, advisor, and policymaker
- Simulating insurance pricing to compare the confidence approach with aggregation. Collaboration with the CLIMADA project at ETH Zurich
- If models are make-believe, how can we learn from them? (Draft paper)

## Talks and Posters\*

### Conferences and workshops

13. “Formal epistemology as modelling”, *PROGIC 2019*, July 2019, Frankfurt
12. “Formal epistemology as modelling”, *INEM Summer School on Economic Behaviours*, June 2019, Como
11. \* “Formal epistemology as modelling”, *Formal Epistemology Workshop*, June 2019, Turin
10. “Formal epistemology as modelling”, *Choice Group*, May 2019, LSE
9. “Making confident decisions with model ensembles”, *CHESS Workshop: Adequacy for Purpose*, May 2019, Durham
8. “Formal epistemology as modelling”, *Formal Methods and Science in Philosophy III*, April 2019, IUC Dubrovnik
7. “Scoring rules and expert disagreement”, *BPPA Masterclass on Social Epistemology*, April 2019, COGITO Glasgow
6. “Making confident decisions with model ensembles”, *Philosophy of Science Association*, Nov 2018, Seattle
5. “Making confident decisions with model ensembles”, *ETH Atmospheric and Climate Science Colloquium*, May 2018, Zurich
4. “Making confident decisions with model ensembles”, *Choice Group*, Apr 2018, LSE
3. “Making confident decisions with model ensembles”, *Models 2 Decisions*, June 2018, Isaac Newton Institute, Cambridge
2. “Against Model Aggregation”, *Models & Simulations 8*, March 2018, U South Carolina
1. “Making confident decisions with scientific models”, *London Graduate Philosophy Conference*, Nov 2017, Senate House London

### Comments and other participation

3. Consultation participant: ‘Second Workshop on Planning Complex Infrastructure under Uncertainty’ for the *Centre for Digital Built Britain*, Nov 2018, Alan Turing Institute, London
2. Reply to: Marco Mariotti (Queen Mary): “Revealed Preference Theory and Bounded Rationality” at *Preference-based modeling in economics*, Nov 2018, LSE
1. Reply to: Rachel Etta Rudolph (UC Berkeley), “Appearance Reports and the Acquaintance Inference” at *15th Berkeley-London Graduate Conference*, May 2018, Senate House London

## Teaching

All of the below are teaching assistant roles. At the LSE, teaching assistants are responsible for small group classes, marking and feedback.

**2018: Philosophy and public policy.** *LSE.* (Part year only) 2 classes, 16 students. Topics included: measuring well-being, cost-effectiveness in health care, responsibility and choice, health insurance, tax avoidance.

**2017/18: Formal methods of philosophical argumentation.** *LSE.* 5 classes, 71 students. Introduction to propositional and first-order logic, philosophy of mathematics, set theory, and probability theory.

**2016/17: Logic.** *LSE.* 2 classes, 30 students. Introduction to propositional logic, first order logic, and naive set theory.

**2009/10: Modern experimental physics.** *Witwatersrand.* Experimental demonstrator for undergraduate physics labs.

## Service

### Departmental life

- 2018/19: Chair, Staff-Student Liaison Committee (MPhil/PhD)
- 2017/18: Representative, Research Students Consultation Forum
- 2017/18: Co-chair, Staff-Student Liaison Committee (MPhil/PhD)

### Reviewer

- 2019: Reviewer for 7th LSE-Bayreuth Student Conference
- 2017: Reviewer for 5th LSE-Bayreuth Student Conference

## Awards

- 2018 Award for Teaching Excellence
- 2017 Award for Teaching Merit

## Professional society memberships

- Philosophy of Science Association
- British Society for the Philosophy of Science
- Aristotelian Society

## Other Employment

**Senior strategy manager, 2015–2016**

*Lodha Group U.K.*

**Strategy consultant, 2012–2015**

*Bain & Company, Inc.*

Updated: Jun 2019