

Joe Roussos

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Employment

Postdoctoral Researcher, Sept 2019–Present, *Institute for Futures Studies*

Project: [Climate Ethics and Future Generations](#)

(*My title was officially Research Assistant until my viva.*)

Education

PhD Philosophy, 2016–2020, *London School of Economics*

Thesis: [Policymaking under scientific uncertainty](#)

Supervisors: Roman Frigg, Richard Bradley

Examiners: Richard Pettigrew, Wendy Parker

MASt Theoretical Physics, 2011–12, *University of Cambridge*

Specialisation: Particle Physics, Effective Field Theories

BSc Physics, Philosophy, Mathematics, 2006–2011, *University of the*

Witwatersrand (included Honours year specialising in Theoretical Physics)

Research interests

AOS (fine grain): Decision-making under severe uncertainty, Formal models of partial belief, Scientific models

AOS (coarse grain): Decision Theory, Formal Epistemology, Philosophy of Science, Philosophy of Climate Science

AOC: Epistemology

Papers

Forthcoming: [Making confident decisions with model ensembles](#) *Philosophy of Science*, co-authors: Roman Frigg, Richard Bradley

Forthcoming: [Expert deference as a belief revision schema](#) *Synthese*

Under Review: [Awareness growth and belief revision](#)

Under Review: [Formal epistemology as modelling](#)

Manuscript: [Modelling in moral philosophy](#)

Manuscript: Expert disagreement, scoring rules and values

Talks and Conference participation

Refereed talks

Awareness growth and generalised learning

British Society for the Philosophy of Science, Symposium presentation, Jun 2020
(cancelled due to COVID-19), Kent

Making confident decisions with model ensembles

European Philosophy of Science Association Sep 2019, Geneva
Philosophy of Science Association, Nov 2018, Seattle
Models 2 Decisions, Jun 2018, Isaac Newton Institute, Cambridge
London Graduate Philosophy Conference, Nov 2017, Senate House London

Formal epistemology as modelling

PROGIC 2019, Jul 2019, Frankfurt
INEM Summer School on Economic Behaviours, Jun 2019, Como
Formal Epistemology Workshop (poster), Jun 2019, Turin
Formal Methods and Science in Philosophy III, Apr 2019, IUC Dubrovnik

Scoring rules and expert disagreement

BPPA Masterclass on Social Epistemology, Apr 2019, COGITO Glasgow

Against Model Aggregation

Models & Simulations 8, Mar 2018, U South Carolina

Invited talks

The scientist's role in policy decisions: a decision theory perspective

Climate change and studies of the future, Mar 2021 (scheduled), A Coruña

Awareness growth and belief revision

Higher Seminar in Theoretical Philosophy, Feb 2021 (scheduled), Stockholm

Making confident decisions with model ensembles

Epistemology of Climate Change Seminar Series, Dec 2020 (scheduled), Bern
CHESS Workshop: Adequacy for Purpose, May 2019, Durham
Atmospheric and Climate Science Colloquium, May 2018, ETH Zurich
Choice Group, Apr 2018, LSE

Modelling in moral philosophy

Higher Seminar in Practical Philosophy, Oct 2020, Stockholm

Experts, Which Ones Should You Trust? Sweden's COVID-19 Response

Online workshop on climate change and the coronavirus pandemic, May 2020, IFFS
Stockholm

Expert deference as a belief revision schema

Choice Group, Oct 2019, LSE

The Role of Values in Aggregating Expert Opinions

Climate Ethics and Future Generations Annual Conference, Sep 2019, IFFS Stockholm

Formal epistemology as modelling

Choice Group, May 2019, LSE

Comments and other participation

4. Reply to: Rush Stewart (MCMP): “On the Possibility of Testimonial Justice” at *Formal Epistemology Workshop*, July 2019, Turin
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

Conference and symposium organising

3. *Democracy and future generations*. (IFFS, 16-17 November 2020) Workshop on how concern for future generations might impact democracy. Hybrid. *Local organiser*.
2. *The use of models in policymaking*. (IFFS, 10 September 2020) Interdisciplinary workshop on modelling as a tool for policy, comparing epidemiology, climate science and economics. Featured philosophers of science alongside scientists from those fields. Hybrid in-person and on Zoom. *Organiser*.
1. *Awareness growth*. (BSPS Annual Conference, June 2020) Symposium on the problem of “unawareness”, focussing on rational constraints for agents who become aware of new possibilities, and how to formally model them in a probabilistic belief setting. Participants: Chloé de Canson, Anna Mahtani, Joe Roussos, Orri Stefánsson. *Co-organised with Chloé de Canson*.

Teaching

Lecturer

2020/21: Environmental risk management. *Stockholm University*. MSc.
Philosophical introduction to risk, decision theory, and the philosophy of climate science.
I was responsible for my section’s course design, lectures, seminars, and assessments.

Teaching Assistant

At the LSE, teaching assistants are responsible for small group classes, marking and feedback.

2018: Philosophy and public policy. *LSE*. (Part year only) 2nd and 3rd yr UG. 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*. 1st and 2nd yr UG. 5 classes, 71 students. Introduction to propositional and first-order logic, philosophy of mathematics, set theory, and probability theory.

2016/17: Logic. *LSE*. 1st and 2nd yr UG. 2 classes, 30 students. Introduction to propositional logic, first order logic, and naive set theory.

Departmental life

- 2019/20: Founding convener, Conjectures and Refutations seminar series, LSE
- 2018/19: Chair, Staff-Student Liaison Committee (MPhil/PhD), LSE
- 2017/18: Representative, Research Students Consultation Forum, LSE
- 2017/18: Co-chair, Staff-Student Liaison Committee (MPhil/PhD), LSE

Awards

- 2018 LSE Award for Teaching Excellence
- 2017 LSE Award for Teaching Merit
- 2016-2020 LSE PhD Studentship
- 2011 Skye Foundation Scholarship

Other Employment

Senior strategy manager, 2015–2016

Lodha Group U.K.

Strategy consultant, 2012–2015

Bain & Company, Inc.

At Bain Johannesburg in 2012-13, I set up a payroll giving initiative, which encouraged consultants to make charitable donations directly from their payroll. I was also involved in charity selection and relationship management.

I have given hundreds of presentations to diverse audiences and for diverse purposes, from large-group training to small meetings. I have significant experience managing projects and running large events. I have previously managed others, up to 3 at a time, and been responsible for giving them feedback.

Updated: Oct 2020