

Dr FEDERICA RUSSO

PERSONAL INFORMATION

Nationality Italian
Place and birth date Naples, 22nd February 1978
Address for correspondence Institut Supérieur de Philosophie, Université catholique de Louvain,
Place Mercier 14, B-1348 Louvain-la-Neuve (Belgium)
Email federica.russo@uclouvain.be, f.russo@kent.ac.uk, russo_fede@yahoo.it
URL <http://www.lofs.ucl.ac.be/fisc/staff/russo/>

AREA OF SPECIALISATION

Philosophy of Causality, Philosophy of Probability, Causal Modelling, Philosophy of Social Science, Philosophy of Medicine

AREA OF COMPETENCE

General philosophy of science, Epistemology, Logic (included modal logic), Philosophical Logic, Philosophy of Language, Philosophy of AI

APPOINTMENTS TO DATE

Nov07-Oct10	Honorary Research Fellow	University of Kent, UK
Oct07-Sept09	Chargé de recherche du F.N.R.S. (Post doctoral fellow, National Science Foundation)	Institut Supérieur de Philosophie, Université catholique de Louvain, Belgium
Oct06-Sept07	Teaching and Research Fellow	Philosophy Department, SECL, University of Kent, UK
Feb06-Aug06	Research Associate (British Academy and FSR - UCLouvain)	Philosophy Department, SECL, University of Kent, UK
Jan03-Dec05	Research Fellow	Institut Supérieur de Philosophie, Université Catholique de Louvain, Belgium
Jan02-Dec03	Research Fellow	Institut Supérieur de Philosophie, Université Catholique de Louvain, Belgium

VISITING POSITIONS

Jan09-April09	Visiting Fellow	Center for Philosophy of Science, University of Pittsburgh
June 2008	Reasoning Club Exchange	Center for Logic and Philosophy of Science, University of Ghent, Belgium
April04-Jan05	Visiting scholar	Centre for Philosophy of Natural and Social Science (CPNSS), London School of Economics

FUNDED PROJECTS

Special Funds for Research, UCLouvain x 2; British Academy Small Research Grant x 2; Postdoctoral Fellowship, National Science Foundation (Belgium); Visiting Fellowship, Center for Philosophy of Science, Pittsburgh.

CONFERENCE GRANTS

Mind Association x 3; BSPS x 3; British Logic Colloquium; KIASH (University of Kent) x 3

EDUCATION

June05	PhD in Philosophy Dissertation: Measuring Variations. An epistemological account of causality and causal modelling. Supervisors: Michel Ghins, Guillaume Wunsch	Université Catholique de Louvain, Belgium
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- Grade:
La plus grande distinction avec les félicitations du jury.
- Jan03 DEA (MSc) in Philosophy of Science, Université Catholique de Louvain, Belgium
Dissertation: Theoretical Realism and the Interpretation of Probability
Supervisor: Michel Ghins
- Oct01 Laurea (BSc) in Philosophy, University of Padova, Italy
Dissertation: Aspects of probabilistic causality and applications in philosophy of biology (in Italian)
Supervisors: Giovanni Boniolo, Roberto Festa
Grade: 110/110 cum laude

PUBLICATIONS

Books

2008

- Russo F. *Causality and Causal Modelling in the Social Sciences. Measuring Variations*, Methodos Series, Springer. <http://springer.com/978-1-4020-8816-2>

Edited volumes

Under contract

- Russo F. and Williamson J. (eds), *Key terms in logic*, Continuum. In preparation.
- McKay Illari P., F.Russo, Williamson J., *Causality in the Sciences*, Oxford University Press. In preparation.
- Arnaldi S., Lorenzet A., and Russo F. (eds), *Nanotechnology policy: society, ethics, and public engagement*, IOS Press. In preparation.

Forthcoming

- F. Cozman, R. Haenni, J-W Romeijn, F. Russo, G. Wheeler, J. Williamson (eds), Special Issue: Probabilistic Logic and Probabilistic Networks. *Journal of Applied Logic*.

2007

- Russo F. and Williamson J. (eds), *Causality and Probability in the Sciences*, Texts in Philosophy Series, College Publications, London.

Papers

Forthcoming

- Mouchart M. and Russo F., Causal explanation: recursive decompositions and mechanisms, in McKay Illari P., Russo F. and Williamson J. (eds), *Causality in the sciences*, Oxford University Press.

2008

- Mouchart M., Russo F., Wunsch G., "Structural modelling, exogeneity, and causality", in Henriette Engelhardt, Hans-Peter Kohler, Alexia Prskwetz (eds), *Causal Analysis in Population Studies: Concepts, Methods, Applications*, Springer, Dordrecht, chapter 4.

2007

- Russo F. , "Frequency-driven probabilities in quantitative causal analysis", *Philosophical Writings*, 32, pp. 32-49.
- Russo F. and Williamson J., "Interpreting causality in the health sciences", *International Studies in Philosophy of Science*, 21(2), pp. 157-170.
- Mouchart M., Russo F., Wunsch G., "Causality, structural modelling, and exogeneity", DP0709, Institut de statistique, Université catholique de Louvain. <http://www.stat.ucl.ac.be/ISpub/dp/2007/DP0709.pdf>
- Russo F. and Williamson J., "Interpreting probability in causal models for cancer", in F. Russo and J. Williamson (eds), *Causality and Probability in the Sciences*, Texts in Philosophy Series, College Publications, London, pp 217-242.

2006

- Russo F., "The rationale of variation in methodological and evidential pluralism", *Philosophica*, 77, Special Issue on Causal Pluralism, pp. 97-124.

- Russo F., “Salmon and van Fraassen on the existence of unobservable entities: a matter of interpretation of probability”, *Foundations of Science*, 11(3), pp. 221-247.
- Russo F. Mouchart M., Ghins M., Wunsch G., “Statistical modelling and causality in the social sciences”, Discussion Paper 0601, Institut de Statistique, Université catholique de Louvain, Belgium. <http://www.stat.ucl.ac.be/ISpub/dp/2006/dp0601.pdf>
- 2005
- Russo F., “On the foundations of agency-manipulability theories of causation. A critique”, *Preprints in Analytic Philosophy*. [http://www.hiw.kuleuven.be/pap/papers/PAP_002\(2005\).pdf](http://www.hiw.kuleuven.be/pap/papers/PAP_002(2005).pdf)
- Russo F. “Dal realismo scientifico all’interpretazione della probabilità. Salmon e van Fraasen a confronto”, *Isonomia* 2005.
- 2004
- Russo F., Review of: Bovens L. and Hartmann S., *Bayesian Epistemology*, *Revue Philosophique de Louvain* 102(3), pp. 543-546.
- 2003
- Rea C., Russo F., Salamanca L., “L’école de Louvain-la-Neuve est-elle constructiviste?”, in A. Mucchielli (ed), *La place du constructivisme pour les études des communication*, Actes du Colloque Béziers, avril 2003, Université Montpellier III, pp. 168-183.
- Russo F., Review of: Zahar E., *Essaye d’épistémologie réaliste*, *Revue Philosophique de Louvain*, 101(3), pp. 516-519.
- Russo F., Review of: Agazzi E. and Pauri M., *The Reality of Unobservable*, *Revue Philosophique de Louvain*, 101(1), pp. 176-179.
- Russo F., Review of: Vernes J-R, *L’existence du monde extérieur et l’erreur du rationalisme*, *Revue Philosophique de Louvain*, 101(1), pp. 173-176.

Popularisation

- Russo F. and Williamson J. (2008), Editorial, *The Reasoner*, vol 2.10.
- Russo F. (2008), Interview with Jim Joyce, *The Reasoner*, vol. 2.10.
- Russo F. (2008), Editorial, *The Reasoner*, vol. 2.8.
- Russo F. (2008), Editorial, *The Reasoner*, vol. 2.2.
- Russo F. (2007), Editorial, Interview with Michel Mouchart & Guillaume Wunsch, *The Reasoner*, vol. 1.8.
- Russo F. (2007), Editorial, Evidence in medical decision-making, *The Reasoner*, vol. 1.2.

Papers in preparation or under submission

Variational causal claims in epidemiology

Empirical generalisations in social science

Generic vs. single-case causal knowledge. The case of autopsy. (With Jon Williamson)

Are causal analysis and system analysis compatible approaches?

Explaining causal modelling. Or, what a causal model ought to explain.

Potential outcomes, counterfactuals, and structural modelling. Causal approaches in the social sciences. (With M.Mouchart and G.Wunsch)

A Bayesian formalization of the precautionary principle in pharmaceutical policy (with Barbara Osimani and Jon Williamson)

ORGANISATION OF EVENTS

- Sept 08 Causality Study Fortnight, Centre for Reasoning, University of Kent
2-Day tutorials on causality and their use in science, 3-Day conference (CAPITS 2008), a week of advanced research seminars
- Sept07 3-Day Conference: Proxic 2007, University of Kent
- June07 1-Day Workshop: “Evidence in medical decision-making”, Evidence Project, UCL
- Dec06 1-Day workshop: “Causality and Probability in the Biomedical Sciences”, University of Kent
- June06 3-Day Conference: “Causality and Probability in the Sciences”, University of Kent

- May06 1-Day Workshop: “Causality, Exogeneity and Explanation”, Evidence Project, UCL
 2005-2006 Series of Seminars, “Causality Triangle”, Evidence Project, UCL

TEACHING EXPERIENCE

- 2007/2008 Philosophy of AI, Philosophy of Language University of Kent, UK
 2006/2007 Philosophy of Science, Philosophy of Language, University of Kent, UK
 Philosophy of AI, Logic, Philosophical Thinking
 Jan04 Problèmes éthiques dans les biotechnologies Reims Management School, France
 Oct03 Réflexions philosophiques sur les démarches Reims Management School, France
 scientifiques
 Dec02 Réflexions philosophiques sur les démarches Reims Management School, France
 scientifiques

ACADEMIC COLLABORATIONS

- 2008-to date Member of the Steering Committee ‘Causality in the Sciences’ Conference Series
<http://www.kent.ac.uk/secl/philosophy/jw/cits.htm>
 2007–to date Assistant Editor and Member of the editorial board, *The Reasoner*. www.thereasoner.org
 2004–to date Member of the editorial board and author of *Breve dizionario di filosofia* (Luciano Floridi and Gian Paolo Terravecchia eds), Carocci editore, Roma, in preparation.
 2005–2008 Joint executive editor of *SWIF*, Digital imprint for philosophy (ISSN 1126-4780),
<http://www.swif.it> (project completed)
 2005–2008 Editor of 2R – *Rivista di Recensioni Filosofiche*, edited by SWIF,
<http://www.swif.uniba.it/lei/2r> (project completed)
 2002-2006 Executive editor of FOLDOP – The Free Online Dictionary of Philosophy edited by SWIF. <http://www.swif.it/foldop/> (project completed)

TALKS (since 2005)

- Dec 08 Objective Bayesianism and Causal Modelling in the IHPST, Paris I
 (invited) Social Sciences
 Nov 08 Objective Bayesianism and Causal Modelling in the CLWF, Free University Brussels
 (invited) Social Sciences
 Nov 08 Comments on JW Lindemans and J.Anderson Neuroeconomics: Hype or Hope?
 (invited) EIPE, Rotterdam
 Sept 08 Levels of causation and the interpretation of Causality Study Fortnight, Centre
 probability for Reasoning, University of Kent
 Sept 08 Measuring variations CAPITS 2008, Centre for Reasoning, University of Kent
 Sept 08 Variational causal claims in epidemiology Young Researchers Day, Brussels
 July 08 Causality in epidemiology: definition, evidence, Workshop on Philosophy of
 rationale Medicine, Centre for Reasoning, University of Kent
 July 08 Potential outcomes, counterfactuals, and structural European Population
 models Conference, Barcelona
 Apr08 Mechanisms and systems. Causal issues in the social IUC Dubrovnik, Annual
 sciences Philosophy of Science
 Conference
 Feb08 Causal modelling and system analysis: Centre for Reasoning, University
 (invited) complementarity or opposition? of Kent
 Dec07 What if explanation didn’t need counterfactuals ? ‘What if? So what!’ conference,
 Erasmus University, Rotterdam
 Nov07 Empirical generalisations in social science Philosophy Department,
 University of Kent

Nov07 (invited)	Y-a-t-il des lois de la physique sociales ?	ISP, Université catholique de Louvain
Oct07 (invited)	Qu'est-que le bayésianisme objectif?	IHPST, Université de Paris I
Oct07	Explaining causal modelling. Or, what a causal model ought to explain	SILF08 international conference, Milan
Oct07 (invited)	Causality in the health sciences. Interpretation and rationale	Evidence in biomedical research, UNED, Madrid
Dec06	Interpreting causality in the health sciences	Workshop: Causality and Probability in the Biomedical Sciences, University of Kent
July06	Interpreting probability in causal models for cancer	British Society for Philosophy of Science, Annual Conference, Southampton
June06	Causality, confounding and control	European Population Conference, Liverpool
June 06	Interpreting probability in causal models for cancer	"Causality and Probability in the Sciences", Canterbury 14-16 June
May06 (invited)	Causality and probability in the sciences	Computing Department, University of Kent
March06 (invited)	Measuring Variations	SECL, University of Kent
Nov05 (invited)	Causalité en sciences sociales: quelques remarques épistémologiques et méthodologiques	Midis de la Recherche Institut de démographie, Université Catholique de Louvain
Oct05	Statistical modelling and causality	Evidence Project University College London
July05	Statistical modelling and causality	XXV International Population Conference, Tours (France)
June05	Empirically-based Bayesian probabilities in the social science	PROGIC 2005 London School of Economics
May05 (invited)	Towards an integrated account of causality within the Evidence project?	Evidence Project University College London
May05 (invited)	From probabilistic theories of causality to causal modelling. Bringing causal theory to maturity	Conference of the Belgian Society for Logic and Philosophy of Science, Leuven 20-21 May
April05	Explaining causal modelling	IUC Dubrovnik, Annual Philosophy of Science Conference
March05	Levels of causation	University of Gent, Belgium
March05	Levels of causation	Evidence Project, University College London
Jan05 (invited)	Variations and causal assumptions. Epistemological remarks on causal modelling	Evidence Project, University College London

REFEREES

Prof. Michel Ghins, Institut Supérieur de Philosophie, Université Catholique de Louvain, michel.ghins@uclouvain.be

Prof. Michel Mouchart, Institut de Statistique, Université Catholique de Louvain, michel.mouchart@uclouvain.be

Prof. Stathis Psillos, Philosophy Department, University of Athens, psillos@phs.uoa.gr

Prof. Jon Williamson, Philosophy, SECL, University of Kent at Canterbury, j.williamson@kent.ac.uk

Prof. Guillaume Wunsch, Institut de Démographie, Université Catholique de Louvain,

wunsch@demo.ucl.ac.be

SUMMER SCHOOLS

Aug04 *Causality, Uncertainty, and Ignorance*, 3rd International Summer School, University of Konstanz.
July03 *Philosophy, Probability, and the Special Sciences*, 2nd International Summer School, University of Konstanz, July 2003.
Sept02 *Philosophy and Probability*, 1st International Summer School, University of Konstanz.

LINGUISTIC COMPETENCES

Italian Native
English Speaking, reading and writing: fluent
French Speaking, reading and writing: fluent
Spanish Speaking, reading and reading: good
German Reading: basic notions

MEMBERSHIP

Società Italiana di Filosofia Analitica (SIFA)
Belgian Society of Logic and Philosophy of Science

IT SKILLS

MS Word, Excel, Power Point, Outlook, Outlook express, Eudora, LaTeX
Software for e-learning: Webct
SAS, Splus, SPSS (basic notions)
Dreamweaver