

SAMUEL KARL SCHINDLER

Curriculum Vitae

Dr. Samuel Schindler
Department of Philosophy
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AREA OF SPECIALISATION: Philosophy and History of Science
Research Interests: epistemic role of theories in data reliability judgments, scientific explanation, models, idealisation and prediction
AREA OF COMPETENCE: Philosophy of Mind, Epistemology, Ethics

POSITIONS

Since 07/2009 University of Konstanz, Germany
Postdoctoral Fellow, *Zukunftskolleg* & Department of Philosophy
Project title: *Towards a New Epistemology of Science*

01/ 2009 – University of Birmingham, England
06/ 2009 Lecturer (temporary)
Module leader of classes & seminars in Philosophy of Science (2nd year undergraduate students) and Philosophy of Psychology (3rd year)
Seminar leader of Independent Studies (2nd year)

10/2008 – University of Stockholm, Sweden
12/2008 Postdoctoral Research Fellow
Guest scholarship program of the *Swedish Institute* (6 months)
Project title: The epistemic value of Dalton's Atomic Theory
Host: Professor Paul Needham

10/2007 – University of Leeds, England
01/2008 Teaching Assistant in the Department of Philosophy

EDUCATION

09/ 2005 – University of Leeds, England
09/2008 Ph.D. in Philosophy of Science
Thesis title: *The Imaginary Entities that Make Science*
Thesis topic: the role of unobservable entities in scientific explanation
Supervisor: Professor Steven French
External examiner: Dr. Hasok Chang (University College London)

- 09/2004 – University of Leeds, England
09/2005 M.A. in History and Philosophy of Science
Dissertation title: *Imaginary-Constitutives and Other Models. A Classificatory Clarification*
Supervisor: Professor Steven French
Predicate: distinction
- 09/ 2003 – McGill University, Montréal, Canada
06/ 2004 Visiting student at the Faculty of Arts
Classes taken in Modern Linguistics and Philosophy of Science (with Professor Mario Bunge)
- 10/ 2000 – University of Osnabrück, Germany
08/ 2003 B.Sc. in Cognitive Science
Interdisciplinary course comprising Neuroscience, Linguistics, Cognitive Psychology, Philosophy, and Artificial Intelligence (courses largely conducted in English)
Thesis supervisor: Professor Achim Stefan
Overall predicate: Very Good
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PUBLICATIONS

PEER-REVIEWED

- 03/ 2007 'Rehabilitating Theory: Refusal of the "bottom-up" Construction of Scientific Phenomena', *Studies in the History and the Philosophy of Science*, Volume 38, Issue 1, March 2007, pp. 160-184
- 06/ 2008 'Use-Novel Predictions and Mendeleev's Periodic Table', *Studies in History and Philosophy of Science*, Volume 39, issue 2, pp. 265-269
- 12/ 2008 'Model, Theory, and Evidence in the Discovery of the DNA Structure', *The British Journal for the Philosophy of Science*, Volume 59, issue 4, pp. 619-658
- forthcoming* 'Bogen and Woodward's data/phenomena distinction and forms of theory-ladenness', *Synthese* (special issue)
- '*revise and re-submit*' 'Discerning a physical effect from background noise: the discovery of Weak Neutral Currents reconsidered', under review with *Studies in History and Philosophy of Modern Physics* since August '08; publicly available at <http://philsci-archive.pitt.edu/>

COMMISSIONED

- 06/09 "Conceptions of Causality" (book review of *Thinking about Causes: From Greek Philosophy to Modern Physics*, Peter K. Machamer, Gereon Wolters (eds.), University of Pittsburgh Press, 2007), *Metascience*, Volume 18, Issue 2, p. 301
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INVITED TALKS

- 03/2010 'The epistemic role of theories for data reliability judgements', Department of Philosophy, Vienna, Austria

INVITED COMMENTARIES

- 10/2009 'Comments on R. Campaner's "On causal explanation in the health sciences"', *European Science Foundation, Research Networking Program, University of Konstanz*, 2-4 October
- 04/2010 Comments on M. Massimi, tba, *Monday Monthly Meetings*, Department of Philosophy, University of Konstanz
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PEER-REVIEWED TALKS & PRESENTATIONS

- 2009 'The epistemic value of Dalton's Atomic Theory', *2009 Summer Workshop of the International Society for Philosophy of Chemistry*, Chemical Heritage Foundation, Philadelphia, USA, 13-15 August, 2009
- 'The epistemic value of Dalton's Atomic Theory', *&HPS2: Second Conference in Integrated History and Philosophy of Science*, University of Notre Dame, USA, 12-15 March
- 2008 'Photo#51, the CCV theory, and the Discovery of the DNA Structure', *History of Science Society meeting*, 2008, Pittsburgh, USA, 6-9 November
- 'Refusing the bottom-up construction of scientific phenomena', *Data-Phenomena-Theories conference*, University of Heidelberg, Germany, 11-13 September
- 'What is an experimental error?', Hertz's cathode ray experiments reconsidered, *Annual Conference of the British Society of Philosophy of Science*, University of St. Andrews, 9-11 July
- 'Some methodological reflections on the History and Philosophy of Science', *Leeds/UCL/Durham Joint HPS Workshop*, UCL London, 20 June
- 2007 Invited panelist at *&HPS1: First Conference in Integrated History and Philosophy of Science*, Center for Philosophy of Science, University of Pittsburgh, USA, 11-13 October
- 'The ignorance of Evidence as a facilitator of theory-change' & roundtable discussion with Steven French and Hasok Chang on 'Should we stop teaching Thomas S. Kuhn?', *Changing Conceptions of Scientific Change, Leeds/UCL Joint HPS Workshop*, Leeds, 22 June
- 2006 'Bottom-up Corrections and the Phenomenologically-driven View', *10th Annual Oxford Philosophy Graduate Conference*, University of Oxford, 11-12 November
- 'Imaginary-Constitutives. The Ontology of Scientific Models', *Biennial Meeting of the Philosophy of Science Association (PSA)*, Vancouver, Canada, 2-5 November
- 'Rehabilitating Theory: Refusal of the "bottom-up" Construction of Scientific Phenomena', *Annual meeting of the British Society for the Philosophy of Science*, Southampton, 6-7 July
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TEACHING

01-06/2009	<ul style="list-style-type: none"> • Lectures & seminars in Philosophy of Science (58 second year undergraduate students) • Philosophy of Psychology (38 third year undergraduates), • seminars in Independent Studies (60 second year undergraduates), • Personal tutor for twenty 2nd year students <p>All at the University of Birmingham, England</p>	Upper undergraduate lectures and seminars (incl. essay marking)
11/2007	2 x three hour-long lectures in Philosophy of Science (first-year PhD students of the social sciences) within <i>Social Sciences Research Training Programme</i> (SSRTP) at the Graduate School, University of Bradford	Postgraduate lectures
03/2008	<i>Truth and Realism</i> (3 rd year) Introduction of the realism antirealism debate in the Philosophy of Science	Upper undergraduate level teaching (lecture + seminar)
09/07 – 05/08	<i>Introduction to Philosophy, Introduction to Ethics, Introduction to the History of Philosophy, and The Mind</i>	Lower undergraduate level tutoring (incl. essay and exam marking)
01-05/2007	<i>How Science Works</i> (i.e. Introduction to Philosophy of Science) and <i>Philosophy of Psychology</i>	
01-05/2006	<i>How Science Works</i>	

SCHOLARSHIPS

10/2008	Invitation to the <i>Zukunftskolleg</i> at the University of Konstanz as postdoctoral fellow for 18 months + conditional 42 months
06/2008	6 months Postdoctoral Guest Scholarship (<i>Swedish Institute</i>) to be held at the University of Stockholm, Sweden
08/2008	Short term financial support (2 months) after having been short-listed for a postdoctoral fellowship at the <i>Zukunftskolleg</i> at the University of Konstanz, Germany
07/2007	Educational Grant for doctoral studies by the <i>Newby Trust Ltd.</i>
07/2006	Short-listed for 2-year doctoral scholarship of the <i>Darwin Trust of Edinburgh</i>
07/2006	One year doctoral scholarship by the <i>German Academic Exchange Service</i> (DAAD)
07/2006	Educational Grant for doctoral studies by the <i>Newby Trust Ltd.</i>
05/2006	Short-listed for 2-year doctoral scholarship of the <i>Gottlieb Daimler-and-Karl-Benz Trust</i> (Germany)

TRAVEL GRANTS

03/2009	&HPS2, Notre Dame University, U.S.A., conference grant (\$500) and travel grant of the Department of Philosophy at the University of Birmingham (£400)
11/2008	Postgraduate travel grant to the <i>HSS Annual Meeting</i> (\$ 1000), Pittsburgh, U.S.A.
06/2008	BSPS graduate travel bursary and <i>Scots Philosophical Club</i> bursary for the <i>BSPS Annual Meeting</i> , St. Andrews
11/2006	Postgraduate travel grant to the <i>PSA Biennial Meeting</i> (\$ 1,000), Vancouver, Canada
07/2006	Postgraduate travel and accommodation grant for <i>Philosophical and social dimensions of microbiology</i> , University of Exeter, <i>Egenis</i> (Centre for Genomics in Science), July 13th and 14th
07/2006	Postgraduate travel grant for the <i>BSPS Annual Meeting</i> , Southampton
10/2006-10/2007	Departmental postgraduate conference award, £ 200, University of Leeds

REFEREEING

- *The British Journal for the Philosophy of Science*
 - *Studies in History and Philosophy of Modern Physics*
 - *International International Studies in the Philosophy of Science*
 - *The Leverhulme Trust*
 - The 2nd Annual *Centre for Metaphysics and Mind* Graduate Conference, University of Leeds
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PROFESSIONAL SERVICE

06/ 2007	Chair of one of the sessions of <i>The 2nd Annual CMM Graduate Conference</i> , Centre for Metaphysics and Mind, University of Leeds
05/ 2007	Co-authorship of a tutorial for the History and Philosophy of Science for <i>Intute: Virtual Training Suite</i> ; funded by the Joint Information Systems Committee (JISC)
03/ 2007	Assistant at the 15 th UK and <i>European Meeting on the Foundations of Physics</i> , University of Leeds, 29 th – 31 st March
07/ 2005	Steward at the <i>Eight International History & Philosophy of Science Teaching Conference</i> , University of Leeds

PROFESSIONAL MEMBERSHIP

- British Society for the Philosophy of Science (BSPS)
- Philosophy of Science Association (PSA)

- European Philosophy of Science Association (EPSA)
- American Philosophical Society (APA)

PROFESSIONAL DEVELOPMENT

2005/06 & 2006/07 Departmental Tutors' Workshop
 Departmental induction seminars for teaching assistants,
 University of Leeds

INTERNSHIPS

08/ – 09/2001 Max-Planck Institute for Psychological Studies, Munich, Germany
 Internship with Developmental Psychology Group of Professor Aschersleben

IT-SKILLS

2005, 2006, 2007 Demonstrator for Microsoft applications (Word, DreamWeaver, PowerPoint,
 and the University of Leeds's platform), Information System Services (ISS),
 University of Leeds

LANGUAGES

German: mother tongue
 English: fluent
 Latin: 1991 – 1998; *Latinum* was awarded in 1998
 French: reading competence and basic communication skills

REFEREES

Primary

Steven French, Professor of Philosophy of Science and Head of Department, Department of
 Philosophy, University of Leeds, Woodhouse Lane, Leeds, LS2 9JT, UK, ☎ +44 (0)113 343 3279 •
 E-mail: S.R.D.French@leeds.ac.uk

Hasok Chang, Professor in Philosophy of Science, Department of Science and Technology Studies,
 University College London, Gower St., London WC1E 6BT, United Kingdom, ☎ +44-(0)20-7679-
 1324 • E-mail: h.chang@ucl.ac.uk

Alex Miller, Professor and Head of Department, Department of Philosophy, University of
 Birmingham, Edgbaston, Birmingham, B15 2TT, UK, ☎ + 44 (0)121 414 7539 •
 E-mail: A.Miller@bham.ac.uk

Secondary

James Woodward, J.O. and Juliette Koepfli Professor of the Humanities, California Institute of
 Technology, Division of the Humanities and Social Sciences, MC 101-40, Pasadena, CA 91125,
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Christopher Timpson, Fellow and Tutor in Philosophy, Brasenose College, University of Oxford,
Oxford, OX1 4AJ, UK, ☎ +44 (0) 1865 276926 • E-mail: christopher.timpson@bnc.ox.ac.uk

Henk de Regt, Professor in Philosophy, Vrije Universiteit, Faculteit der Wijsbegeerte, De Boelelaan
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