PUBLICATIONS AND PRESENTATIONS

June 2018

PUBLICATIONS

2018 to date


[2016g] ‘Religio and Scientia’ (Review of Peter Harrison, The Territories of Science and Religion), Metascience 25, 343-7.


2015


2014


2013


TRANSLATIONS: German translation forthcoming (Ditzingen: Reclam).


2009


2008


2007


• Winner of Choice Outstanding Academic Title 2007.


[2006d] ‘The Persona of the Natural Philosopher’, in [2006c], 17-34.
2005


2004


2003


2001


### 2000


[2000b] ‘The Foundational Role of Hydrostatics and Statics in Descartes’ Natural Philosophy’ in [2000a], 60-80.


### 1999


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**1998**


1997


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1994


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1990


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1988

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<td>1988</td>
<td>‘Descartes’ Conception of Inference,’ in R. Woolhouse (ed),</td>
<td>Metaphysics and the Philosophy of Science in the Seventeenth and Eighteenth</td>
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<td>Glouberman, Descartes, The Probable and the Certain and D. Markie,</td>
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<td>Descartes’ Gambit,</td>
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<td>Philosophy 1/1: 95-7.</td>
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<td>1984</td>
<td>Review of J. Toews, Hegelianism, Critical Philosophy 1/1: 105-6</td>
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1984


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1981

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[1980b] ‘Descartes’ Project for a Mathematical Physics’ in [1980a], 97-140.


1979


1978


1977


1976

1973

**PRESENTATIONS (FROM 1996)**

### 2017

- Workshop University of Paris VI: ‘Descartes and the Optical Instruments Model of Vision’
- Workshop Birkbeck College London: Ancient wisdom workshop: ‘Historiographical considerations on early modern history’
- Seminar, University of Singapore: ‘Descartes and the Optical Instruments Model of Vision’

### 2016

- Conference, International Society for Intellectual History, University of Crete: ‘The Natural History of Man’
- Conference, Maquarie University: ‘Mesmerism and the Demise of Anthropological medicine’
- Conference, European Society for the History of Science, Charles University Prague: ‘The Orgins of Anthropometrics’
- Conference paper, University of Sydney Hume Conference: ‘Proofs and Hume’s Intellectual Development’
- Masterclass: University of Queensland: Masterclass on historiography
- Workshop Deakin University: Workshop on *The Collapse of Mechanism*
- Seminar paper, Deakin University: ‘The Natural History of Man’
- Seminar paper, University of Sydney, Department of Philosophy: ‘The Moral and Political Origins of the Philosophy of Science’
- Seminar paper, University of Queensland: ‘The Natural History of Man’

### 2015

- Public Lecture, Sydney Ideas: ‘Schiller’s Aesthetic Education of Man’
- ANZAMEMS Conference, University of Queensland: ‘Secularization as a Historiographical Category’
- Conference: Nature and the Philosophy of Nature in German Idealism and Romanticism, University of Sydney: ‘Kant and Matter Theory’.
- Workshop on Natural History, University of Sydney: ‘Defining the Human Species: Comparative Natural History in the Late Eighteenth Century’
- Seminar, University of Sydney, Dept of Philosophy: ‘The Optical Instruments Model of Vision’
- Seminar, University of Bologna, Dept of Philosophy: ‘In Defence of an Extremission Theory of Visual Cognition’
- Seminar, University of Turin, Dept of Philosophy: ‘Kant and Matter Theory’
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| 2014 | • Seminar, University of Turin, Dept of Philosophy: ‘The Optical Instruments Model of Vision’  
• Seminar, University of Florence, Dept of Philosophy: ‘Kant and Matter Theory’  
• Seminar, University of Venice, Dept of Philosophy: ‘In Defence of an Extromission Theory of Visual Cognition’  
• Seminar, European University Institute, Florence: ‘Secularization as a Historiographical Tool’  
• Public Lecture, École Normale Supérieur de Lyon: ‘The Emergence of a Scientific Culture in the West’  
• Public Lecture, Templeton Lecture University of Sydney: ‘The Establishment of the Legitimacy of Science in the Early Modern Era’  
• Workshop on Early Modern Persons and Consciousness, University of Sydney: ‘Descartes on Persons and the Eighteenth-Century Response’  
• Workshop on Secularization, University of Western Sydney: ‘Secularization as a Historiographical Resource’  
• Conference: Romanticism and Idealism, University of Sydney: ‘Language as a Form of Expression in Herder’  
• Conference: Centro Internazionale per la Ricerca Filosofica, University of Palermo: ‘Contingency in Nature’  
• Conference: Centro Internazionale per la Ricerca Filosofica, University of Palermo: ‘Kant versus Herder on the Nature of Matter’  
• Conference: Bernard Mandeville, Helsinki Collegium for Advanced Studies: ‘Mandeville, the Human Sciences, and Collective Properties’  
• Conference: Bacon and Early Modern Science, Boston College: ‘Bacon and the Experimental Natural Philosophy Tradition’.  
• Conference: The Future of the History of Ideas, University of Sydney: ‘Mandeville, the Human Sciences, and Collective Properties’  
• Seminar, École Normale Supérieur de Lyon: ‘Boyle, Locke, Hume: From Experimental Natural Philosophy to Empiricism’  |
• Seminar, SHAPE Dept of Philosophy, University of Sydney: ‘The Early Modern Idea of Scientific Doctrine and its Origins in Christianity’.  
• Seminar: ‘The Demise of Anthropological Medicine: the Challenges of Experimental Medicine and Mesmerism’, University of Ghent  
• Conference: ‘Secularization and the Question of the Intellectual Jurisdiction’  
2012

- Rotman Lecture, Rotman Institute, University of Western Ontario: ‘Herder and the Naturalization of the Human’
- Keynote lecture, Conference of Scottish Society for Early Modern Philosophy, University of Aberdeen: ‘Herder and the Naturalization of the Human’
- Conference on Sensibility, Humboldt University Berlin: ‘Sensibility as a precondition for perceptual cognition: Diderot and the French Lockean reaction to Descartes’
- Workshop, CHED, University of Queensland: ‘Truth and Truthfulness’
- Seminar, Shanghai Jiao Tong University: ‘Scientific Objectivity and Intellectual Honesty’
- Seminar, Shanghai Jiao Tong University: ‘The Complex Relation between Objectivity and Truth in Science’
- Seminar, Sydney University: ‘The Naturalization of the Human: from Hume to Herder’
- Seminar, University of Western Ontario: ‘Four problems of representation: the complex origins of Cartesian epistemology’
- Seminar, European University Institute, Fiesole: ‘The Use of History as an Empirical Resource in Herder’
- Public Lecture, Shanghai Jiao Tong University: ‘Why the West?: Discovery and Consolidation in the Scientific Revolution’

2011

- Keynote lecture, Conference on Interpretation, New College Oxford: ‘Four problems of representation: the complex origins of Cartesian epistemology’
- Conference on Nature versus Normativity, Humboldt University, Berlin: ‘Sensibility and Metaphysics: Diderot, Hume, Baumgarten, and Herder’
- Conference on Mathematical Demonstration, University of Notre Dame: ‘Proof and the problem of representation in the early decades of the seventeenth century’
- Workshop on Descartes, University of Sydney: ‘Four problems of representation: the complex origins of Cartesian epistemology’
- Workshop on Representation and Sensibility, University of Sydney: ‘Sensibility as a route to the naturalization of reason’
- Workshop on Spinoza, Ecole Normale Supérieure, Paris: ‘Why Spinoza wasn’t taken up by philosophers in the 1680s and why he was taken up in the 1780s’
- Seminar, CHED, University of Queensland: ‘Sensibility and Metaphysics: Diderot, Hume, Baumgarten, and Herder’
- Seminar, University of Bucharest: ‘Four problems of representation: the complex origins of Cartesian epistemology’
- Seminar, Centre Nationale de la Recherche Scientifique, Paris: ‘Leibniz and Newton on the standing of calculus’
- Seminar, University of Graz: ‘Hume’s Naturalism’
- Seminar, University of Hong Kong: ‘Four problems of representation: the complex origins of Cartesian epistemology’
- Seminar, New York University: ‘Sensibility as a route to the naturalization of reason’
- Public Lecture, University of Bucharest: ‘Hume’s Naturalism’

2010

- Conference paper, British Society for the History of Science, University of Aberdeen: ‘The Demise of Rational Mechanics as a Model for Knowledge’
• Conference Paper, University of Sydney, Workshop on Empiricism: ‘Hume’s Naturalism’
• Conference Paper, University of Pisa: ‘D’Alembert, Euler and mid-eighteenth century rational mechanics’
• Conference Paper, Australian Society for Continental Philosophy Annual Conference, University of Queensland: ‘Hume and Sensibility’
• Workshop on the History of Chemistry, University of Sydney: Commentary on Ursula Klein, ‘Objects of Enquiry in Classical Chemistry’
• Seminar, University of Dundee: ‘Hume’s Naturalism’
• Seminar, National University of Singapore: ‘Hume on Judgement’
• Seminar, University of Sydney: ‘Hume’s Naturalism’
• Seminar, University of Aberdeen: ‘Four Problems of Representation’
• Masterclass (four three-hour classes over two days), University of Ghent: ‘The Emergence of a Scientific Culture’
• Public Lecture, University of Ghent: ‘The Emergence of a Scientific Culture: Some Historiographical Questions’

**2009**

• Conference paper, University of Bucharest: ‘Leibniz and Newton on the standing of calculus’
• Conference paper, Free University Berlin: ‘Beyond Tradition: The Idea of the Present as Transcending the Past’
• Conference paper, conference on representation, University of Aberdeen: ‘What counts as a compelling proof?: Newton vs. Leibniz on the problem of mathematical representation’
• Conference, Galilée et Spinoza, La Sorbonne, Paris: ‘Galileo and Spinoza: two models for natural philosophy’
• Seminar, University of Sussex: ‘Picturability and the Mathematical Ideals of Knowledge’
• Seminar, New York University workshop on Science and Religion: ‘Physico-theology the Early-Modern Era’
• Seminar, University of St Andrews: ‘Picturability and the Mathematical Ideals of Knowledge’
• Seminar, University of Stirling: ‘The proper bearers of psychological attributes’
• Seminar, University of Sydney, HPS Unit: ‘The proper bearers of psychological attributes’
• Seminar, University of Aberdeen: ‘Hume Beyond Superstition: Fontenelle and Hume on Christianity and Philosophy’
• Seminar, University of Cambridge: ‘What counts as a compelling proof?: Newton vs. Leibniz on the problem of mathematical representation’
• Public Lecture, Stanford University, ‘The Revival of Polytheism in the Eighteenth Century: Fontenelle and Hume’.

**2008**

• Conference Keynote Address: ‘Newton and Leibniz on the Justification of the Calculus’, History of the Philosophy of Science Society Conference, University of British Columbia, Vancouver.
• Conference paper: ‘Newton’s Criticisms of the Calculus’, University of Sydney, Baroque Science Conference.
• Conference paper: ‘Newton versus Leibniz on Mathematical Reasoning and Method’, University of Padua: ‘Controversies within the Scientific Revolution’ conference
• Conference paper: ‘Is there a difference between natural philosophy and political philosophy that has implications for the persona of the early-modern philosopher?’, Prato: Conference on the Persona of the Philosopher.
• Conference paper: ‘Physico-theology and the Construction of a New World Picture, 1680-1700’, University of Sydney Early-Modern Philosophy workshop.
• Seminar: The Académie des Sciences and the Republic of Letters, 1699-1734’, Department of History, University of Sydney
• Seminar: ‘Explanatory Pluralism’, Department of Philosophy, University of Sydney
• Public Lecture: ‘Locke and Sensibility’, Blue Mountains Philosophy Society.

2007

• Conference Keynote Address: ‘Physico-Theology and the Construction of a New World Picture, 1680-1700’, International Society for Intellectual History, Birkbeck College London
• Conference paper: ‘Locke and Natural Philosophy’ Early Modern Thought Conference, University of Western Australia
• Conference paper: ‘The impact of Lockean empiricism on botany and the theory of electrical conductivity, 1690-1720’, Locke Conference, University of Otago
• Conference paper: ‘Do phantom limbs support dualism?’, Descartes Conference, University of Aix-en-Provence
• Seminar: ‘Locke and the Problem of Representation’, University of Sydney
• Seminar: ‘Cognitive Solipsism’, University of Edinburgh
• Seminar: ‘French Eighteenth-Century Lockeanism’, Reading University
• Seminar: ‘Brain/body dualism and the mysterious case of the phantom limb’, Russellian Society, University of Sydney
• Seminar: ‘Cognitive Solipsism’, National University of Singapore
• Seminar: ‘Phantom Limbs’, University of Aberdeen
• Seminar: ‘Phantom Limbs’, RSSS Australian National University

2006

• Conference paper: ‘Spinoza and Natural Philosophy’, Workshop on Spinoza’s Tractatus Theologico-Politicus, University of Sydney
• Conference paper: Inaugural address: ‘What did Animals Tell Early-Modern Natural Philosophers about Humans?’, International Society for the Study of European Ideas Conference, Malta
• Conference paper: ‘The Limits of Spinoza’s Influence’, Conference Fundamentele Modernitatii Europene, Bran, Romania
• Conference Paper: ‘Sentimental Empiricism’, Persona of the Philosopher Conference, Prato, Italy
• Seminar: ‘Science and Modernity’, Depts of History of Science/Philosophy, Princeton University
• Seminar: ‘Cognitive Solipsism’, Unit for History and Philosophy of Science, University of Sydney
• Seminar: ‘Spinoza’s politico-theology’, “Emphasis” seminar, University of London

2005

• Conference paper: ‘The Success of Science in the West’, University of California at Davis, International Society for Intellectual History
• Conference paper: ‘Natural Philosophy and the Origins of Empiricism’, School of Advanced Study, University of London
• Conference paper: ‘The Failure of Galileo’s Model for Kinematics in De Motu’, International Congress for the History of Science, Beijing
• Seminar: ‘Science and religion in the Nineteenth Century’, University College, Cork
• Seminar: ‘The Persona of the Natural Philosopher’, School of Advanced Study, University of London
• Seminar: ‘Science and modernity’, Dept of Philosophy, University of Utrecht
• Seminar: ‘The Persona of the Natural Philosopher’, Edinburgh University
• Seminar: ‘Cartesian biomechanics’, Dept of Philosophy, University of Uppsala
• Seminar: ‘Descartes Theory of Cognition’, keynote speaker, Birkbeck College weekend workshop
• Public lecture: ‘The Uniqueness of Science in the West,’ School of Advanced Study, University of London
• Public lecture: ‘Descartes’, University of Sydney Keythinkers series

2004

• Conference keynote address: ‘Interpretations of Descartes’, Boston College
• Conference keynote address: ‘The Uses and Abuses of Reason’, International Society for Intellectual History, Finnish Academy of Science and University of Helsinki, Helsinki
• Conference paper: ‘Some background to questions of truth and objectivity in early-modern natural philosophy’, Early-modern science conference, University of Sydney
• Conference paper: ‘The End of Scientia’, Warburg Institute, University of London
• Seminar paper: ‘The Philosophical Problem of Sophism’, Russelian Society, University of Sydney
• Public lecture: ‘The Success of Science in the West’, Blackheath Philosophy Society
• Public Lecture: ‘Interpretations of Descartes’, King’s College, Halifax, Nova Scotia

2003

• Conference paper: ‘Temporal Mirroring and Temporal Reversal’, AAHPSSS Conference, University of Melbourne
• Conference paper: ‘Science, Religion and Method: The Enlightenment Interpretation’, University of Copenhagen
• Seminar paper: ‘The Success of Science in the West’, Unit for History and Philosophy of Science, University of Sydney
• Seminar paper: ‘The Success of Science in the West’, Department of History and Philosophy of Science, University of Leeds
### 2002

- Conference paper: ‘Biography as a Route to Understanding Early Modern Natural Philosophy’, Scientific Biography Conference, University of Copenhagen
- Conference paper: ‘The Scientific Revolution, Modernity, and the West’, Early Modern Thought Conference, University of Sydney/University of New South Wales
- Conference paper: ‘The Relation between Metaphysics, Epistemology and Natural Philosophy in Descartes’, University of Queensland
- Conference paper, ‘Reflections on the Nature of Philosophy in the Light of the History of Natural-Philosophical Thought’, University of Southern Denmark, Odense
- Seminar paper: ‘Rigid Designation and Underlying Structures’, Department of Philosophy, University of Sydney
- Seminar paper: ‘The Relation between Metaphysics, Epistemology and Natural Philosophy in Descartes’, University of Göteborg, Sweden
- Seminar paper: ‘The Scientific Revolution, Modernity, and the West’, Cambridge University
- Public Lecture: ‘Hellenistic Philosophy’, in The World after Alexander, one-day Adult Education conference, University of Sydney
- Public Lecture: ‘Descartes’, Key Thinkers series, Faculty of Arts Guest lecture, University of Sydney
- Public Lecture: ‘The Scientific Revolution, Modernity, and the West’, Institute for Intellectual History, Russian Academy of Sciences, Moscow

### 2001

- Conference keynote address: ‘Descartes and Cognitive Science’, Annual Conference of Australasian Association for Philosophy, University of Tasmania
- Conference paper, ‘Bacon versus the Ancients: Personal Abuse or Critique of Mentalities?’, Intellectual History Conference, Trinity College, Cambridge
- Conference paper: ‘The Collapse of Medieval Philosophy’, Russellian Society (University of Sydney) Annual Conference, Mount Victoria, NSW
- Seminar paper: ‘Descartes and Cognitive Science’, Centre for History and Philosophy of Science, University of Pittsburg
- Seminar paper: ‘Descartes and Cognitive Science’, Department of Philosophy, University of Chicago
- Seminar paper: ‘Descartes and Cognitive Science’, Departments of Philosophy and History of Science, Harvard University

### 2000

- Seminar paper: ‘The problem of goal-directed processes’, University of Torono
- Seminar paper: ‘The problem of goal-directed processes’, University of Ottawa
• Seminar paper: ‘A hydrostatic model for physics’, University of British Columbia
• Seminar paper: ‘Descartes’ theory of cognition’, Australian National University
• Inaugural Lecture: ‘Descartes on Mindless Animals’, University of Sydney
• Public Lecture: ‘Descartes and Intellectual Biography’, State University of Rio de Janeiro
• Public Lecture: ‘Descartes’ Legacy’, State University of Rio de Janeiro

1999

• Koyré lecture: ‘Descartes’ rejection of the void: metaphysics or cosmology? Koyré’s attempt to treat physical theory as applied epistemology’, All Soul’s College, Oxford
• Conference paper, ‘Not the Scientific Revolution: China and Iberia as problems for the historiography of the Scientific Revolution’, University of Hong Kong
• Conference paper, ‘The Role of Matter Theory in Early Modern Natural Philosophy: Bacon and Descartes’, Conference on Early Modern Thought, University of Sydney
• Conference paper, ‘L’homme machine: Descartes on mechanist physiology and goal-directed processes’, All Souls College, Oxford/La Maison Française, Oxford.
• Seminar paper, ‘Waterworld: The Role of Hydrostatics in Cartesian Cosmology’, Department of History of Science, Harvard University
• Seminar paper, ‘Why, at a time when everyone believed in the existence of God, did philosophers spend so much time apparently trying to prove the existence of God?’, Russellian Society, University of Sydney
• Seminar paper, ‘Canguilhem and the Autonomy of Biology’, Unit for History and Philosophy of Science, University of Sydney

1998

• Conference paper, ‘Bacon’s Conception of Truth’, Conference on Bacon, La Sapienzia University, Rome.

1997

• Conference paper, ‘Waterworld: the role of fluids in Descartes’ mechanics,’ Annual Conference of the Australasian Association for the History, Philosophy and Social Studies of Science, Auckland, New Zealand
• Conference paper, ‘Francis Bacon’s project for the reform of natural philosophy’, Conference of the History of Science Section of the International Union for the History and Philosophy of Science, Liège, Belgium.
• Public Lecture, ‘Francis Bacon’s Reform of Natural Philosophers: Rhetoric and the Formation of a Scientific/Philosophical Persona’, Australian Academy of Humanities, Canberra.
• Seminar paper, ‘Descartes’ Mechanist Physiology’, Seminar on Descartes, University of Helsinki, Finland
• Seminar paper, ‘Vacua versus Fluids: Two Ways of Doing Physics in the Seventeenth Century’, Department of Traditional and Modern Philosophy, University of Sydney
• Seminar paper, ‘Descartes’ Cosmology’, Department of History and Philosophy of Science, University of Melbourne

1996

• Conference paper: ‘Bacon’s Programme for the Reform of Natural Philosophy,’ Annual Conference of the Australasian Association for the History, Philosophy and Social Studies of Science, University of Melbourne
• Conference paper: ‘The Interpretation of Descartes and Biography as a Form of Interpretation’, Descartes Conference, University of Perugia, Italy
• Seminar paper: ‘Truth, Justification, and the Development of Science’, Department of Traditional and Modern Philosophy, University of Sydney
• Seminar paper: ‘Bacon and the Origins of Modernity’, Department of General Philosophy, University of Sydney
• Seminar paper: ‘Animal Cognition in Descartes’, Eötvös University of Budapest, Hungary
• Seminar paper: ‘Truth, Justification, and the Development of Science’, Technical University of Budapest, Hungary
• Seminar paper, ‘Bacon and Seventeenth-Century Literature’, Seventeenth-Century Seminar, Department of English, University of Sydney