

Science beyond Scientism

| An overview |



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Abraham Kuyper Center
for Science and the Big Questions



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1. Project Summary

a. Project members

Academic staff

Prof. dr. René van Woudenberg (initiator and director)

Prof dr. Gerrit Glas (initiator)

Dr. Jeroen de Ridder (initiator and co-director)

Prof. dr. Gijsbert van den Brink (initiator)

Dr. Leon de Bruin (postdoc)

Dr. Emanuel Rutten (postdoc)

Dr. Rik Peels (postdoc)

Prof. dr. Jan Boersema

Prof. dr. Stefan Paas

PhD Students

Lieke Asma

Hans van Eyghen

Naomi Kloosterboer

Scott Robbins

Scholarships

Prof. dr. Russ Shafer-Landau

Prof. dr. Terence Cuneo

Prof. dr. David Widerker

Josephine Lenssen, MA

Wout Bisschop

Geertjan Holtrop

Dr. Miriam Kyselo

Dr. Kelvin McQueen

Mathanja Berger

Project Manager

Marije Zeldenrijk, MA

Irma Verlaan, MSc

Funding

Templeton World Charity Foundation

b. Output and outcomes

Project summary with final narrative

The central question of the project was:

What are the problems of scientism and how can it be overcome?

To answer it, we worked on three subsidiary questions:

- I. *How does scientism manifest itself in research about free will, rational decision-making, moral character, and religious belief and how does it affect social and professional practices informed by these areas of research?*
- II. *How can scientism be analyzed in a philosophically rigorous manner, what are the arguments for and against it, and how good are these arguments?*
- III. *What does a non-scientistic framework for integrating scientific knowledge with other sources of knowledge look like?*

In succinct form, our answers are:

I. Scientism manifests itself not so much in the day to day practice of research, but rather in the larger stories that are spun around it in popular science writing. In research about free will, scientism manifests itself in the claim that Libet-type experiments have established that free will is an illusion. In research about rational decision-making it manifests itself in the claim that psychological research has shown that all the reasons that humans provide for their actions are ex post rationalizations. And in research on morality and religious belief it manifests itself in evolutionary debunking arguments, which seek to establish the claims that all our moral and religious beliefs are either false or lacking in epistemic support.

One professional practice that we studied quite extensively is the psychiatric practice. We found that scientism runs deeply there. One important factor is the role and function that is assigned to a one-sided biomedical approach to disease and illness, which is illustrated (a.o.) by the role of the DSM classification system in psychiatric practice.

II. Scientism is, first and foremost, a normative epistemological view that tells us *what* we should believe, or *when* we should believe certain things (although there are several other versions of scientism too). It is, hence, an ethics of belief—one that tells us that we should only believe what our best science tells us.

A number of arguments have been given in favour of scientism. For instance arguments from the success of science, and arguments from the alleged epistemic superiority of scientific knowledge. Our research indicates that these arguments are contentious.

We have developed a number of arguments against scientism. One of them is that if we accept scientism, we miss out on a wide range of beliefs that we have no reason to think are irrational or irresponsible. Examples include moral beliefs, mathematical beliefs, as well as a particular class of first-personal beliefs (such as the belief that one is now suffering from a head ache). Among the other arguments are the argument that scientism refutes itself because it is a doctrine not based on science and the scientific practice itself presupposes that we know certain things from non-scientific sources.

III. We have been searching for non-scientistic frameworks in which to integrate scientific knowledge with non-scientific knowledge. We have explored, developed and applied a number of frameworks: (i) the theoretical framework of what we call the 'modal aspects', (ii) the practical modal that we call the 'normative practice model', (iii) the framework of virtue epistemology, (iv) the framework of consonance (especially applied in the science-religion area), and finally (v) a framework in which science and common sense meet and productively interact.

Over the years 23 persons have worked in the project, that was directed from out of the Abraham Kuyper Center for Science and the Big Questions, established at Vrije Universiteit Amsterdam.

Three flagship outputs are:

- Jeroen de Ridder, Rik Peels, and René van Woudenberg (eds.), *Scientism. A Philosophical Exposition and Exploration*. New York: Oxford University Press, 2017.
- Gijsbert van den Brink, *Reformed Theology and Evolutionary Theory*. Grand Rapids: Eerdmans 2017.
- A successful and well-attended international conference on *Psychiatry beyond Scientism*, out of which came a special issue of the journal *Philosophy, Psychiatry, Psychology*, ed. Gerrit Glas.

The project represented in numbers:

Type	Total
Academic papers and book chapters	171
Academic Books	6
Popular Books	3
Special Issues	3
Events	27
Interviews and Online Columns	165
Presentations	376
Video's	30

c. Special accomplishments

Type	Name
Popular book	Paas, S. & Peels, R. (2013). God Bewijzen. Uitgeverij Balans: Amsterdam.
Popular book	Woudenberg, R. van & Ridder, J. de (2014). Deze universiteit. Filosoferen over de VU. VU University Press: Amsterdam.
Popular book	Ridder, J. de & Rutten, E. (2015). En dus bestaat God. Buijten En Schipperheijn: Amsterdam
Academic Book	Brink, G. van der (2017). Reformed Theology and Evolutionary Theory. Grand Rapids: Eerdmans. (also in Dutch: Boekencentrum Zoetermeer).
Academic Book	Peels, R. (2016). Responsible Belief: An Essay at the Intersection of Ethics and Epistemology. Oxford University Press.
Academic Book	Shafer-Landau R. & Cuneo, T. Eds. (forthcoming). The Moral Fixed Points. Oxford University Press.
Academic Book	Hans van Eyghen, Rik Peels & Gijsbert van den Brink (2017). New developments in the cognitive science of religion and the rationality of religious belief. Springer: Dordrecht.
Academic Book	Plantinga, A. Where the Conflict Really Lies, translation to Dutch
Edited Book	Jeroen de Ridder, Rik Peels & René van Woudenberg (eds.), Scientism: Prospects and Perils. Oxford: Oxford University Press, 2017.
Special Issue	Sophie, special issue on the topic of scientism. (Dutch popular philosophy magazine) Rik Peels (ed.).
Special issue	Algemeen Nederlands Tijdschrift voor Wijsbegeerte, special issue on Scientism . René van Woudenberg (Ed.).
Special Issue	Philosophy, Psychiatry, Psychology (forthcoming). Gerrit Glas (ed.).
Map	Experiential Map of Scientism (see page 2)

2. Publications

Here we present all papers, book chapters etc. related to the Science beyond Scientism project, that are either published in or accepted by academic journals or books.

The numbers	Total
Published academic papers/ book chapters	124
Accepted academic papers/ book chapters	47
Total	171

Project members:

- 2a. Prof. dr. René van Woudenberg
- 2b. Prof. dr. Gerrit Glas
- 2c. Prof. dr. Gijsbert van den Brink
- 2d. Dr. ir. Jeroen de Ridder
- 2e. Dr. Rik Peels
- 2f. Dr. Leon de Bruin
- 2g. Dr. ir. Emanuel Rutten
- 2h. Dr. Kelvin McQueen
- 2i. Dr. Miriam Kyselo
- 2j. Lieke Asma, MA MSc
- 2k. Hans van Eyghen, MA
- 2l. Naomi Kloosterboer, MA

2a. Prof. dr. René van Woudenberg

Subproject #9: An Aspectual Analysis of Scientific Knowledge

- René van Woudenberg & Kelvin McQueen (2016). "Tests for Intrinsicness Tested". *Philosophical Studies*. Online-first, DOI 10.1007/s11098-016-0644-0
- René van Woudenberg. "An Epistemic Argument for Toleration", *International Journal for Philosophy and Theology* 76 (2015): 428-435.
- René van Woudenberg and Joëlle Rothuizen (2015). "Both Random and Guided". *Ratio* (2015) 28: 332-48.
- René van Woudenberg (2015). "Moeten we tegen natuurlijke theologie zijn?" *Nederlands Tijdschrift voor Theologie* 69 (2015), pp. 251-269.
- René van Woudenberg and Joëlle Rothuizen (2015). "Science and the Ethics of Belief. An Examination of Philipse's Rule R", *Journal for the General Philosophy of Science*.
- René van Woudenberg (2014), "Christianity and Science", in: Steve Fuller, Mikael Stenmark & Ulf Zackariasson (eds.), *Customized Science? The Impact of Worldviews on Contemporary Science*. (London: Palgrave MacMillan), 55-72.

- René van Woudenberg (2014), "True Qualifiers for Qualified Truths", *The Review of Metaphysics* 68, 3-36.
- René van Woudenberg (2014), "Disagreement, Design and Thomas Reid". *Canadian Journal of Philosophy* 41, 224-239.
- René van Woudenberg. (2013). "A Brief History of Theodicy", in Justin McBrayer & Daniel Howard-Snyder (eds.), *A Companion to the Problem of Evil* (Oxford/London: Wiley Blackwell, 2013), 189-204.
- René van Woudenberg. (2013). "Belief is Involuntary. The Evidence of Thought Experiments and Empirical Psychology", in *Discipline Filosofische. Revista Semestrale* (2013): 111-131.
- René van Woudenberg. (2013) "Limits of Science and the Christian Faith", in *Perspectives on Science and Christian Faith* 65 (2013), pp. 24-36.
- René van Woudenberg, "Thomas Reid Between Externalism and Internalism" *Journal of the History of Philosophy* 51 (2013), 75-92
- René van Woudenberg & Jeroen de Ridder, —Referring to, Believing in, and Worshipping the Same God: A Reformed View , *Faith and Philosophy* 31.1 (2014), 46-67.
- René van Woudenberg & Jeroen de Ridder, "Deze universiteit. Filosoferen over de VU, (Amsterdam: VU University Press, 2014), 80 pp.

Accepted (Forthcoming)

- René van Woudenberg and Jeroen de Ridder (2015). "Design Hypotheses Behave Like Skeptical Hypotheses: Why We Can't Know the Falsity of Design Hypotheses". *International Journal for the Study of Scepticism*.
- René van Woudenberg. "Review of Mark Noll, Jesus Christ and the Life of the Mind", *Journal of Reformed Theology*
- René van Woudenberg. "An Epistemological Critique of Scientism", in: Jeroen de Ridder, Rik Peels & René van Woudenberg (eds.), *Scientism: Prospects and Problems*. Oxford: Oxford University Press.
- René van Woudenberg. "Thomas Reid's Engagement with Skeptics and Scepticism", in Baron Reed & Diego Machuca (eds.), *Scepticism: From Antiquity to the Present*. London: Bloomsbury.
- René van Woudenberg & Rik Peels. "The Metaphysics of Degrees". *European Journal of Philosophy*. DOI 10.1111/ejop.12185
- René van Woudenberg. *Scientism: Prospects and Problems*. Oxford: Oxford University Press, 2017. Edited volume with Jeroen de Ridder & Rik Peels.

2b. Prof. dr. Gerrit Glas

Subproject #9 An Aspectual Analysis of Scientific Knowledge
Subproject #10 The Normative Practice Model in Psychiatry

- G. Glas (2015). Persoonsgerichte zorg. In: E. van Meekeren & J. Baars (red.) (2015). *De ziel van het vak. Over contact als kernwaarde in therapie*. Amsterdam: BOOM, 28-35.
- Glas, G. (2015) Waardengeoriënteerde zorg. In: E. van Meekeren & J. Baars (Red). *De ziel van het vak*. Amsterdam: Boom, Chapter 3.
- Glas, G. (2015). Angst: een verkennung. *Christen-Democratische Verkenningen*. Lente 2015, pp. 36-42.

- Glas, G. (2014). Biomedisch denken in de ggz – oplossing of deel van het probleem? In: G. Glas, R. Janssen, E. van Meekeren, M. Coture, K. de Fruyt, A. Verleyen & F. Schaffler. Zuinig op zin. Aandacht voor zingeving als kostenpost en als winstfactor in de zorg. Tilburg: KSGV, 13-31.
- Glas, G. (2014). Vergeving is niet hetzelfde als verzoening. Wijsgerig Perspectief: 54, 12-21.
- Glas, G. (2014; nr. 4). Euthanasie in de psychiatrie opnieuw in discussie. In Dienst der Genezing, 20-22.
- V. van Bruggen, J. Vos & G. Glas (2014), Existentiële angst. In: B. van Heycop ten Ham, M. Hulsbergen, E. Bohlmeijer (Eds). Transdiagnostische factoren. Theorie en Praktijk. Amsterdam: Boom, 313-334.
- Van Bruggen, V., Vos, J., Westerhof, G., Bohlmeijer, E. & Glas, G. (2014). Systematic Review of Existential Anxiety Instruments. *Journal of Humanistic Psychology*, 54[7], 1-29 [.DOI: 10.1177/0022167814542048]
- Gerrit Glas, —Truth, truthfulness, and the I-self relationship . In: L. Zuidervaart, A. Carr, M. Klaassen, R. Shuker [Eds.]. *Truth Matters: Knowledge, Politics, Ethics, Religion*. (Montreal & Kingston: McGill-Queen's University Press, 2013), 175-194.
- Gerrit Glas, "Beyond professionalism – once more . Psyche & Geloof 25 (1) (2014), 24-31
- Glas, G. (2012). "Medicine is a Science and a Normative Practice", in *Philosophy, Psychiatry, Psychology*, Vol. 19(4), 285-289. (journal appeared in February 2013)
- Bruggen, V. van, Vos, J., Bohlmeijer, E.Th., Glas, G. (2013). "Over de plaats van existentiële thema's in cognitieve gedragstherapie", in Gedragstherapie, jrg. 46, 119-134. Gerrit Glas. (2012). "Competence development as normative practice – Educational reform in medicine as heuristic model to relate worldview and education", Koers – Bulletin for Christian Scholarship 77(1), Art. #411, 6 pages. <http://dx.doi.org/10.4102/koers.v77i1.411>
- Gerrit Glas. (2012). "The thinker and the truth. Bringing Søren Kierkegaard in discussion with reformational philosophy", *Philosophia Reformata*, Vol. 77, 155–182.
- Bouwhuis-van Keulen, L. Eurelings-Bontekoe & G. Glas. (2012). "De invloed van integratie van religie in een psychologische behandeling op het behandelresultaat. Bespreking van een lopende studie", *Psyche en Geloof*, jrg. 23, 150-158.
- Glas, G. (2013). Waarom het biopsychosociale model faalde en desondanks toekomst heeft. *Psyche en Geloof*, jrg. 24(2), 84-94.
- Glas, G. (2013). Anxiety and phobias: Phenomenologies, concepts, explanations. In: KWM Fulford, M Davies, R Gipps, G Graham, J Sadler, G Stanghellini & T Thornton (Eds.). *Oxford Handbook of Philosophy and Psychiatry*. Oxford: Oxford University Press.

Accepted (Forthcoming)

- Gerrit Glas. Janse de Jonge. In: A.C. Flipse (red.). *Lustrumbundel VU at the occasion of 135 year Vrije Universiteit Amsterdam*
- Sizoo, B.B., & Glas, G. (2014). "De verplichte proefpersonenverzekering bij medisch-wetenschappelijk onderzoek is lang niet altijd verplicht." *Tijdschrift voor Psychiatrie*: (in press).
- G. Glas. An enactive approach to anxiety and anxiety disorders. *Philosophy, Psychiatry, Psychology*.
- G. Glas. Creation order and the sciences of the person. In: G. Glas & J. de Ridder (Eds.). *The future of creation order. Volume I: Philosophy, sciences, and theology*. Dordrecht/New York/Berlin: Springer.
- G. Glas and J. de Ridder. Introduction. In: G. Glas & J. de Ridder (Eds.). *The future of creation order. Volume I: Philosophy, sciences, and theology*. Dordrecht/New York/Berlin: Springer.

- Strijbos, D., De Bruin, L.C. and Glas, G. (2017). The Future of Psychiatry: Beyond Scientism and Scepticism, forthcoming special issue in *Philosophy, Psychiatry, Psychology*.
- G. Glas. Dimensions of the self in emotion and psychopathology. *Philosophy, Psychiatry, Psychology*.
- G. Glas. Psychiatry as normative practice. *Philosophy, Psychiatry, Psychology*
- G. Glas. Psychiatric Education. In: J.R. Peteet, M.Lynn Dell, A. Fung (Eds.). Ethical considerations at the intersection between psychiatry and religion. Oxford: Oxford University Press.
- G. Glas. Public and institutional aspects of professional responsibility in medicine and psychiatry. In: C. Boshuyzen-van Burken & D. Haftor (eds.). *Festschrift for S. Strijbos*
- G. Glas. Zelfonthulling en de professionele rol – een kapstok; met bijzondere aandacht voor existentiële aspecten. In: E van Meekeren (red.) (2017). *Zelfonthulling*. Amsterdam: BOOM.

2c. Prof. dr. Gijsbert van den Brink

Subproject #8: Religious Experiences and Revelation As a Source of Knowledge

- Gijsbert van den Brink, "Cruciale teksten: Charles Darwin, Origin of Species: Icoon van het atheïsme?" *Nederlands Theologisch Tijdschrift* 70 (2016), 151-162
- Gijsbert van den Brink, "Evolúció és keresztyén hit: izgalmas terület" *Teológiai Fórum* 10 (2016), 27-45.
- Gijsbert van den Brink, "De WdW als panacee? Loonstra's alternatief voor het Amerikaanse integratiedenken" *Psyche & Geloof* 27 (2016), 95-100.
- Gijsbert van den Brink, "Is It Natural for Humans to Believe in God? Religion, Science and General Revelation", in: Markus Mühling et al. (eds.), *Rationalität im Gespräch/Rationality in Conversation. Philosophical and Theological Perspectives*, Leipzig 2016, 347-359.
- Gijsbert van den Brink, "Pesen als paradigmawisseling. Grube over het tegoed van Kuhn voor de christelijke theologie" *Stellenbosch Theological Journal* 1 (2015 [2016]), 815-821.
- Gijsbert van den Brink & Aza Goudriaan, "The Image of God in Reformed Orthodoxy. Soundings in the Development of an Anthropological Key Concept" *Perichoresis* 14.3 (2016), 81-96
- Gijsbert van den Brink (2015). 'Hoe het begon' [How It All Started]. Drie schetsen in M.C. Batenburg e.a. (red.), *Goed gelovig. Een thematische uitleg van de Heidelbergse Catechismus voor verkondiging en onderwijs*, Zoetermeer 2015, 182-208.
- Gijsbert van den Brink (2015). "Openbaring overbodig? Een verkenning van enkele hedendaagse CSR-verklaringen van het ontstaan van godsdienstigheid", in: Ad de Bruijne, Hans Burger, Dolf te Velde (eds.), *Weergaloze kennis. Opstellen over Jezus Christus, Openbaring en Schrift, Katholiciteit en Kerk aangeboden aan prof. dr. B. Kamphuis* (Zoetermeer: Boekencentrum, 2015), 115-125.
- Gijsbert van den Brink & Johan Smits, "The Reformed Stance: Distinctive Commitments and Concerns", *Journal of Reformed Theology* 9 (2015), 325-347.
- Gijsbert van den Brink (2015). Tussen conflict en consonantie. Fundamentaal-theologische kanttekening bij de verhouding van geloof en wetenschap, *Inaugurele rede* (Amsterdam: Vrije Universiteit, 2015), 24 pp.
- Gijsbert van den Brink (2015), "Triangular Authority: Scripture, Tradition and the Church", in: Jan Jorrit Hasselaar & Peter Ben Smit (eds.), *An Ongoing Conversation. The Green Patriarch in the Netherlands* (Amersfoort: Bisschoppelijk Bureau van de Oud Katholieke Kerk van Nederland, 2015), 76-79.

- Gijsbert van den Brink (2015). "Evolutie en christelijk geloof: de spanningsvelden", *Radix* 41 (2015), 302-314.
- Gijsbert van den Brink (2015). "De rede", in: Koos van Noppen et al. (eds.), *Ankerplaatsen – waar geloven houvast vindt. Opstellen aangeboden aan dr. Wim Dekker* (Zoetermeer: Boekencentrum, p. 127-140.).
- Gijsbert van den Brink (2015), "The Reformation, Rationality and the Rise of Modern Science", in: Herman Selderhuis & Volker Leppin (eds.), *Reformation und Rationalität* (Göttingen: Vandenhoeck & Ruprecht, 2014, p. 193-205).
- Gijsbert van den Brink (2015). "Evolution as a Bone of Contention between Church and Academy: How Abraham Kuyper Can Help Us Bridge the Gap" in: Gordon Graham (ed.), *The Kuyper Center Review*, Volume 5 (Grand Rapids: Eerdmans, 2015), 92-103.
- Gijsbert van den Brink (2014). 'Calvinism and the European Mind: Pitfalls and Prospects in Contemporary Research', in: Van den Brink & Höpfl, *Calvinism and the Making of the European Mind*, 213-229.
- Gijsbert van den Brink (2014). 'Tussen scientisme en fideïsme. Acceptatie van de evolutietheorie als theologische uitdaging', *HTS Teologiese Studies/Theological Studies* 70.1 (2014), Art.#2729, 8 pp. (doi: 10.4102/hts.v70|1.2729)
- Gijsbert van den Brink, "What is Wrong with Revelation? Herman Philipse on the Priority of Natural Theology", *Philo. A Journal of Philosophy* 16.1. (2013), 24-41. [2014]
- Gijsbert van den Brink (2013). "Alle ervaringen tellen mee. Over de epistemische betekenis van bijzondere openbaring", *Tijdschrift voor Theologie* 53, 145-154.
- Gijsbert van den Brink, "Het bestaan van God" in: Henk Bakker, Maarten Kater en Van Vlastuin (eds.), *Verantwoord geloof. Handboek christelijke apologetiek* (Kampen: Brevier, 2014), 371-382.

Accepted (forthcoming)

- Gijsbert van den Brink (2015). "De rede als ankerpunt van geloof. Christelijke theologie tussen scientisme en fideïsme", in: Koos van Noppen et al. (eds.), *Ankerplaatsen – waar geloven houvast vindt. Opstellen aangeboden aan dr. Wim Dekker* (Zoetermeer: Boekencentrum, 2015)
- Gijsbert van den Brink (2015). "God and the Suffering of Animals", in: Koert van Bekkum et al. (eds.), *Leviathan, Series: Themes in Biblical Narrative* (Leiden: Brill, 2015).
- "Erfzonde of oorsprongszonde? Over de waarde van een innovatief dogmatisch voorstel", in: P.J. Vergunst & M. van Campen (red.), Jan Hoek: Theoloog tussen preekstoel en leerstoel, Zoetermeer 2015.
- Gijsbert van den Brink. "God gaat toch veel geheimnisvoller met ons om? Voorzienigheid en toeval in verband met de evolutie", in: C. van der Kooi (red.), *Om het Godsgeheim. De theologie van Martien Brinkman in schetsen en reacties* (Amsterdam: VU University Press, 2015).
- Gijsbert van den Brink, "Protestantism and European Culture," in: Gijsbert van den Brink & Gerard den Hertog (eds.), *Protestant Traditions and the Soul of Europe* (Leipzig: Eva Verlag, 2017).
- Gijsbert van den Brink (2017). 'Reformed Theology and Evolutionary Theory'. Grand Rapids: Eerdmans.
- Gijsbert van den Brink (2017). 'Een mooie wereld, een edel mens, een schone ziel kunnen wij in de preek niet gebruiken. Thysius en Noordmans over het imago Dei'. In: Cees-Jan Smits & Arnold Huijgen (red.), *Festschrift for Gerard C. den Hertog*.

- Gijsbert van den Brink (2016). 'Through Adam's Fall. Recontextualizing Original Sin in an Evolutionary History'. In: Michael Burdett & Benno van den Toren (eds.), *Reconfiguring Adam and Eve* (Aldershot: Ashgate, 2016).
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2d. Dr. ir. Jeroen de Ridder

Subproject #7: Virtue Epistemology

Subproject #9: An Aspectual Analysis of Scientific Knowledge

- Jeroen de Ridder (2015), "Wetenschap, scientisme en populaire epistemologie" *Algemeen Nederlands Tijdschrift voor Wijsbegeerte*.
- Jeroen de Ridder, "Science, Scientism, and Implicit Popular Epistemology." *Social Epistemology Review and Reply Collective* 3.12 (2014), 23-39.
- Jeroen de Ridder & Mathanja Berger, "Shipwrecked or Holding Water: In Defense of Plantinga's Warranted Christian Believer", *Philo* 16.1. (2013), 62-76. [2014]
- Jeroen de Ridder, "Design Discourse and the Cognitive Science of Design", *Philosophia Reformata* 79.1 (2014), 37-53.
- Jeroen de Ridder, "Introduction to Special Issue", *Philosophia Reformata* 79.1 (2014), 3-7.
- Guest editorship of. special issue of *Philosophia Reformata* 79.1 (2014) on Alvin Plantinga's Where the Conflict Really Lies: Science, Religion, and Naturalism?
- Jeroen de Ridder. "Riemersma over Plantinga: een weerlegging". *Radix* 39.3 (2013), 217-227
- René van Woudenberg & Jeroen de Ridder, —Referring to, Believing in, and Worshipping the Same God: A Reformed View , *Faith and Philosophy* 31.1 (2014), 46–67.
- René van Woudenberg & Jeroen de Ridder, "Deze universiteit. Filosoferen over de VU, (Amsterdam: VU University Press, 2014), 80 pp.

Accepted (forthcoming)

- René van Woudenberg and Jeroen de Ridder (2015). "Design Hypotheses Behave Like Skeptical Hypotheses: Why We Can't Know the Falsity of Design Hypotheses". *International Journal for the Study of Scepticism*.
 - Jeroen de Ridder, "Review of Laura Frances Callahan & Timothy O'Connor (eds.), *Intellectual Virtue and Religious Faith* (OUP 2014)", *Journal of Analytic Theology*.
 - Jeroen de Ridder, "Review of Richard N. Williams & Daniel Robinson, *Scientism: The New Orthodoxy*", *International Studies in the Philosophy of Science* (forthcoming).
 - Jeroen de Ridder, Rik Peels, and René van Woudenberg (eds.), *Scientism: Problems and Prospects* (New York: Oxford University Press).
 - Jeroen de Ridder (2014), "Science, Scientism, and Implicit Popular Epistemology" *Social Epistemology Review and Reply Collective*.
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2e. Dr. Rik Peels

Subproject #6: Against Scientism: A Defence of Extra-Scientific Sources of Knowledge

- Rik Peels. (2016). "Is Science like a Crossword Puzzle? Foundherentist Conceptions of Scientific Warrant", *Canadian Journal of Philosophy* 46.1, 81-101

- Rik Peels (2016). "Can God Repent?", in Jonathan L. Kvanvig (ed.), Oxford Studies in Philosophy of Religion VII (Oxford: Oxford University Press), 190-212.
- Rik Peels (2015). "Does God Have a Sense of Humor?", *Faith and Philosophy* 32.3, 271-292.
- Rik Peels (2016). "Responsible Belief: An Essay at the Intersection of Ethics and Epistemology" (New York: Oxford University Press)
- Pierre Le Morvan and Rik Peels. "The Nature of Ignorance: Two Views", in Rik Peels and Martijn Blaauw (eds.), *The Epistemic Dimensions of Ignorance* (Cambridge: Cambridge University Press)
- Rik Peels (2016). "Introduction", in Rik Peels (ed.), *Perspectives on Ignorance from Moral and Social Philosophy* (London: Routledge).
- Rik Peels (2014). Kevin Diller, Theology's Epistemological Dilemma: How Karl Barth and Alvin Plantinga Provide a Unified Response. Downers Grove, Ill.: IVP Academic, *Journal of Analytic Theology*.
- Rik Peels. (2015). "Het fundamentele argument tegen scientisme", *Algemeen Nederlands Tijdschrift voor Wijsbegeerte*. 107.3, 267-284.
- Rik Peels (2016). "Asserting Ignorance", in Sanford Goldberg (ed.), *Oxford Handbook on Assertion* (Oxford: Oxford University Press).
- Rik Peels (2016). Review of Duncan Pritchard and Lee John Whittington, *The Philosophy of Luck* (Oxford: Blackwell, 2014), *Notre Dame Philosophical Reviews*, September 23rd, <http://ndpr.nd.edu/news/70033-the-philosophy-of-luck/>
- Rik Peels (2016). *A Theory in Ethics and Epistemology* (New York: Oxford University Press).
- Rik Peels. (2016). "The Empirical Case against Introspection", *Philosophical Studies* 173.9, 2461-2485
- Rik Peels. (2015). "Believing at Will Is Possible", *Australasian Journal of Philosophy* 93.3, 524-541.
- Rik Peels. "Let's Bite the Bullet on Deontological Epistemic Justification: A Response to Robert Lockie", *Social Epistemology Review and Reply Collective* 4.12, 42-49.
- Rik Peels (2015). "Een wandelgids bij het leven. Een analytische evaluatie van de Christelijke Dogmatiek", *Nederlands Theologisch Tijdschrift* 69.1, 21-37.
- Rik Peels (2015). Thomas M. Crisp, Steve L. Porter en Gregg A. Ten Elshof (red.), *Christian Scholarship in the Twenty-First Century: Prospects and Perils* (Grand Rapids, MI: Eerdmans, 2014), Soteria.
- Rik Peels (2015). "A Modal Solution to the Problem of Moral Luck", *American Philosophical Quarterly* 52.1, 73-87.
- Rik Peels (2015). "Het fundamentele argument tegen scientisme", *Algemeen Nederlands Tijdschrift voor Wijsbegeerte* 107.3, 267-284.
- Rik Peels. (2014). "Against Doxastic Compatibilism", *Philosophy and Phenomenological Research* 89.3, 679-702
- Rik Peels (2014). 'Theologie als verantwoord spreken over God', in L.J. Dorsman en Péjé J. Knegtmans (red), *Theologie, waarheidsliefde en religiekritiek. Over geloof en wetenschap aan de Nederlandse universiteiten sinds 1815*. Hilversum: Verloren.
- Rik Peels. (2014). "What Kind of Ignorance Excuses? Two Neglected Issues", *Philosophical Quarterly* 64.256, 478-496
- Rik Peels. (2014). "Hume's Law Violated?", *Journal of Value Inquiry* 48.3, 449-455.
- Rik Peels. (2014). "Filosofie van de religie", in Chris Buskes en Herman Simisse (red.), *Handboek Analytische Filosofie*
- Rik Peels, Ed. special issue of Philo (16.1) on Herman Philipse's, God in the Age of Science? A Critique of Religious Reason (Oxford: Oxford University Press, 2012).

- Rik Peels, "Guest Editor's Preface: A New Case for Atheism", *Philo* 16.1. (2013), 5-8. [2014]
- Rik Peels. (2013). "A Bodiless Spirit?", *Philo* 16.1. (2013), 62-76. [2014].
- Rik Peels, "Are Naturalism and Moral Realism Incompatible? ", *Religious Studies* 50.1 (2014), 77-86.
- Rik Peels, "What Kind of Ignorance Excuses? Two Neglected Issues , *Philosophical Quarterly*, March 7th 2014, doi: 10.1093/pq/pqu013.
- Rik Peels and Anthony Booth, —Why Responsible Belief Is Permissible Belief , *Analytic Philosophy* 55.1 (2014), 75-88.
- Rik Peels, "Atheïsme in de praktijk , in Henk Bakker, Maarten Kater en Van Vlastuin (eds.), *Verantwoord geloof: Handboek apologetiek* (Kampen: Brevier, 2014), 312-325.
- Rik Peels, "Hedendaagse apologetiek , in Henk Bakker, Maarten Kater en Van Vlastuin (eds.), *Verantwoord geloof: Handboek apologetiek* (Kampen: Brevier), 137-148.
- Rik Peels, "Is geloof in God verantwoord? in Henk Bakker, Maarten Kater en Van Vlastuin (eds.), *Verantwoord geloof: Handboek apologetiek* (Kampen: Brevier, 2014), 63-70.
- Rik Peels, "Does Doxastic Responsibility Entail the Ability to Believe Otherwise?", *Synthese* 190.17 (2013), 3651-3669
- Nikolaj Nottelmann and Rik Peels. (2013). "Some Metaphysical Implications of a Credible Ethics of Belief", in Nikolaj Nottelmann (ed.), *New Essays on Belief: Constitution, Content, and Structure* (New York: Palgrave Macmillan), 230-250.
- Rik Peels. (2013) Are Naturalism and Moral Realism Incompatible?" *Religious Studies*, published online May 23, 2013, DOI: <http://dx.doi.org/10.1017/S0034412513000206>.
- Rik Peels. (2013). "Are Naturalism and Moral Realism Incompatible?" *Religious Studies*, published online May 23, 2013, DOI: <http://dx.doi.org/10.1017/S0034412513000206>.
- Rik Peels. (2013). "Belief-Policies Cannot Ground Doxastic Responsibility", in *Erkenntnis* 78.3, 561-569.
- Rik Peels. (2013). "Against Doxastic Compatibilism", *Philosophy and Phenomenological Research*, first published online, May 20, 2013, DOI: 10.1111/phpr.12040.
- Rik Peels. (2012). "Alvin Plantinga over conflict en harmonie tussen geloof en wetenschap", *Radix* 38.4.
- Rik Peels. (2012). "Gevangen in dilemma's? Over de redelijkheid van geloof in God in een wetenschappelijk tijdperk", *Theologia Reformata* 55.3, 294-301.

Accepted (forthcoming)

- Rik Peels and Martijn Blaauw, eds. (2016). *Ignorance: Epistemic Dimensions* (Cambridge: Cambridge University Press).
- Rik Peels (2016). "The Fundamental Argument against Scientism", in Maarten Boudry and Massimo Pigliucci (eds.), *Science Unlimited? The Challenges of Scientism* (Chicago: Chicago University Press).
- Rik Peels (2017). "A Conceptual Map of Scientism", in Jeroen de Ridder, Rik Peels, and René van Woudenberg (eds.), *Scientism: A Philosophical Exposition and Evaluation* (New York: Oxford University Press).
- Rik Peels (2017). "Ignorance", in Tim Crane (ed.), *Routledge Encyclopedia of Philosophy* (London: Routledge).
- Rik Peels (2017). "Responsible Belief and Epistemic Justification", *Synthese*.
- Rik Peels. Samuel M. Powell, *The Impassioned Life: Reason and Emotion in the Christian Tradition* (Minneapolis: Fortress Press, 2017), *Philosophy, Theology, and the Science*.

2f. Dr. Leon de Bruin

Subproject #5 Analysis of Scientism and Reasons to Believe in It

- De Bruin, L.C. & Strijbos, D. (2015) Self-Interpretation as First-Person Mindshaping: Implications for Confabulation Research. *Ethical Theory and Moral Practice* 18, p. 297–307.
- Leon De Bruin and J. Michael. Prediction error minimization: Implications for Embodied Cognition and the Extended Mind Hypothesis. *Brain and Cognition* (2016) doi: 10.1016/j.bandc.2016.01.009.

Accepted (forthcoming)

- De Bruin, L.C. & Dings, R. Situating the Self: Understanding the Effects of Deep Brain Stimulation. In *Phenomenology and the Cognitive Sciences*.
- Leon de Bruin, Marc Slors & Derek Strijbos, "Philosophy of Mind, Brain & Behaviour: an Introduction". Amsterdam: Boom Uitgevers.
- De Bruin, L.C. & Strijbos, D.W. First-person Folk-psychology: Confabulation or Self-constitution? *Ethical Theory and Moral Practice*.
- Leon De Bruin. First-person folk psychology: Mindshaping and mindreading, *Studia Philosophica Estonica*.
- Leon de Bruin and N. Dijkstra. Causal Inference in Cognitive Neuroscience: Implications for Psychiatry. *Frontiers*.
- Dings, R. & De Bruin, L.C. Going beyond mind-body dualism requires revising the self. To appear in the American Journal of Bioethics Neuroscience.
- Asma, L., De Bruin, L.C. & Glas, G. (forthcoming in AJOB Neuroscience). From impairments in reason-responsiveness to diminished moral responsibility.
- De Bruin, L.C., Jongepier, F. & De Maagt, S. Ik: *Filosofie van het Zelf*. Amsterdam: Boom (forthcoming HAVO Exam Book)

2g. Dr. ir. Emanuel Rutten

Subproject #5: Analysis of Scientism and Reasons to Believe in It

- Emanuel Rutten, "On Philipse's Attempt to Write Off All Deductive Cosmological Arguments", *Philo* 16.1. (2013), 62-76. (2014)
- Emanuel Rutten (2013). "Over de rationele rechtvaardiging van Godsgeloof", *Radix, Tijdschrift over geloof en wetenschap*, Jaargang 39, #2, 2013, pp. 140-154
- Accepted (forthcoming)
- Emanuel Rutten (2015). Een beeld dat ons gevangen houdt'. Over de epistemische status van de metafysica in het vertoog van Guido Vanheeswijck'. *Algemeen Nederlands Tijdschrift voor Wijsbegeerte*
- Emanuel Rutten (2014). 'Over de relatie tussen Eros en Philia in Ad Verbrugge's 'Staat van Verwarring: Het offer van liefde'. *Tijdschrift voor de Filosofie*.

2h. Dr. Kelvin McQueen

Post Doc Researcher

- Kelvin McQueen (2015). 'Physical Realization', *The Philosophical Quarterly*, doi: 10.1093/pq/pqv076 (invited book review).
 - McQueen, K.J.. 'Four Tails Problems for Dynamical Collapse Theories' In *Studies in the History & Philosophy of Modern Physics* 49: 10-18 (2015).
 - McQueen, K.J. (2015). 'Mass Additivity and A Priori Entailment' In *Synthese*.
-

2i. Dr. Miriam Kyselo

Post Doc Researcher

Accepted (forthcoming)

- Miriam Kyselo. "The Enactive Approach and Disorders of the Self – the Case of Schizophrenia" *Phenomenology and the Cognitive Sciences* (in press).
 - Miriam Kyselo, Wolfgang Tschacher and Hermann Haken. "Empirical and structural approaches to temporality of alliance in psychotherapy" *Chaos and Complexity Letters* (in press).
 - Tschacher, W., Haken, H. and Kyselo, M.. Alliance: A common factor of psy-chotherapy modeled by structural theory. In *Frontiers in Psychology*
-

2j. Lieke Asma, MA MSc

- Asma, L.J.F. (forthcoming). There is no free won't: The role definitions play. *Journal of Consciousness Studies*.
 - Asma, L.J.F., de Bruin, L.C., & Glas, G. (forthcoming). From impairments in reason-responsiveness to diminished moral responsibility (commentary). *AJOB Neuroscience*.
 - Asma, L.J.F. (submitted). Free will skepticism, conscious initiation, and proximal intentions.
-

2k. Hans van Eyghen, MA

- Van Eyghen, H. 2015. 'Book Review: God and Evidence by Rob Lovering', European Journal for Philosophy of Religion.', *European Journal for Philosophy of Religion*.
- Van Eyghen, H. 2015. 'Book Review: Myron Bradley Penner, The End of Apologetics. Christian Witness in a Postmodern Context. Baker Books, Grand Rapids, 2013. 192 pages. ISBN 978-0801035982.', *Philosophia Reformata*, 79.
- Van Eyghen, H. 2015. 'Reactie Calvijn tot ons brein: neuropsychologie en religie', *Nederlands Theologisch Tijdschrift*, 69: 293-300.
- Van Eyghen, H. 2015. 'Scientific Theories of Religion as Naturalistic Challenges', *Studies in Science and Theology*, 15.
- Van Eyghen, H. 2016. 'Book Review on The Philosophical Challenge from China', *Comparative Philosophy*, 8.
- Van Eyghen, H. 2016. 'Religious Belief is not Natural. Why cognitive science of religion does not show that religious belief is trustworthy', *Studia Humana*, 5: 34-44.
- Van Eyghen, H. 2016. 'Two Types of Explaining Away Arguments in the Cognitive Science of Religion', *Zygon*.

- Van Eyghen, H. Forthcoming. 'Book Review: The Cognitive Science of Religion by James van Slyke', *European Journal for Philosophy of Religion*.
-

2I. Naomi Kloosterboer, MA

- Kloosterboer, N. 2015. "Transparent Emotions? A Critical Analysis of Moran's Transparency Claim." *Philosophical Explorations* 18 (2): 246—258.
- Kloosterboer, N. *Submitted*. "Rationality in Moran's Account of Self-Knowledge."
- Van Woudenberg, R. and N. Kloosterboer. *Submitted*. "Three Transparency Claims to Self-Knowledge. A Discussion of Richard Moran's Views."
- Wieland, J. W. and N. Kloosterboer. *Resubmitted*. "Enhancing Responsibility."

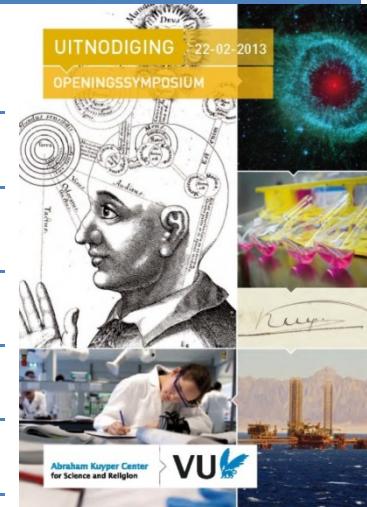
3. Events

We have organized many events. Please find all events specified below. (click on the titles to find more information).

Type	Total
Public debates	11
International conferences	3
Workshops	6
Summer Seminars	3
Invited talks	4
Total	27

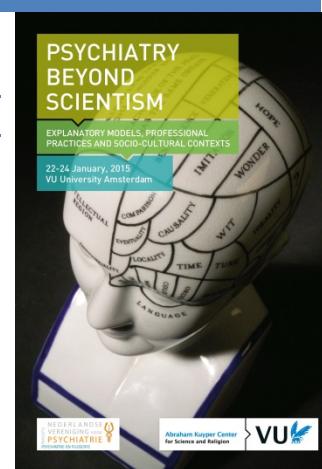
Public Debates

- | | | |
|----|--|-------------------|
| 1 | Opening symposium Science beyond Scientism | February 22, 2013 |
| 2 | Science and Free Will | April 23, 2013 |
| 3 | Beyond Neglect of the Religious Life | January 16, 2014 |
| 4 | Science and Morality | June 3, 2014 |
| 5 | Is your God also mine God? | June 28, 2013 |
| 6 | Do we need God to be moral? | June 3, 2014 |
| 7 | Causal Explanation in Psychiatry | August 22, 2014 |
| 8 | Does Forgiveness Violate Justice? | October 16, 2014 |
| 9 | Bestaat God wel/ niet? | March 15, 2015 |
| 10 | Een succesvol leven? | June 2, 2015 |
| 11 | Self-Knowledge and Moral Agency | June 22, 2015 |



International Conferences

1	All you need is Science?	January 23-25, 2014
2	Psychiatry beyond Scientism	January 22-25, 2015
3	Science versus Common Sense?	February 25-27, 2016



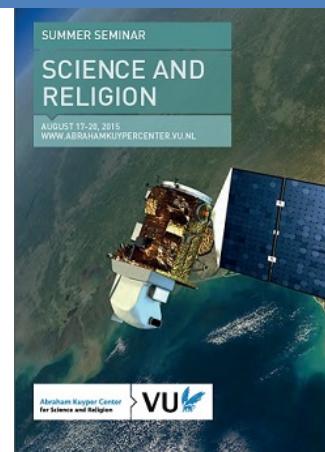
Workshops

1	Religious Beliefs	May 6, 2015
2	Book discussion: Study of Moral Character and Moral Belief-Formation	June 16-18, 2015
3	Deliberation, Interpretation and Confabulation	June 19-20, 2015
4	Free Will and Consciousness	November 19-20, 2015
5	Explaining Religion	December 4-5, 2015
6	The Epistemic Status of Evolutionary Theory	May 28 th , 2016



Summer Seminars

1	Science and the Big Questions I	August 19-22, 2013
2	Science and the Big Questions II	August 18-21, 2014
3	Science and Religion	August 15-18, 2015



Invited talks

1	David Widerker on <i>Libertarian Free Will</i>	March 2013
2	Branden Fitelson on <i>Closure, Counter-Closure, and Inferential Knowledge</i>	May 29, 2015
3	Trenton Merricks on <i>Vagueness is Not a Linguistic (or Mental) Phenomenon</i>	June 12, 2015
4	Gabriël Levy on <i>Can Fictional Superhuman Agents Have Mental States?</i>	June 26, 2015

4. Media and presentations

Our project members have given many talks – academic as well as non-academic – and interviews, and also wrote many columns – online and offline. Please find an overview of the numbers below.

Type	Total
Interview/ column in Dutch newspaper	78
Online column	67
Talks (academic + broader audience)	376
Radio	21
TV	5
Video's (online lectures and debates)	30