

Markus I. Eronen

Associate Professor

Department of Theoretical Philosophy

Faculty of Philosophy

University of Groningen

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Research focus

My main research areas are philosophy of psychology, philosophy of biology, and philosophy of neuroscience. Within these areas, I also work on topics that are relevant for general philosophy of science, such as causation, reduction and levels of organization. My research in philosophy of psychology also extends to theoretical psychology and psychological methodology.

Academic Career

2025–	Associate professor, Department of Theoretical Philosophy, University of Groningen
2020–2024	Assistant professor (tenured), Department of Theoretical Philosophy, University of Groningen
2017–2020	Assistant professor (fixed-term), Department of Theory and History of Psychology, University of Groningen
2013–2017	FWO Postdoctoral fellow, Institute of Philosophy, KU Leuven, Belgium
2015	Research Associate, Department of Philosophy, UC Davis, USA (3 months)
2011–2013	Postdoctoral researcher, Institute of Philosophy II, Ruhr University Bochum, Germany
2013	Visiting scholar, Department of Philosophy, University of Cincinnati, USA (1 month)
2010–2011	Junior fellow, HWK Institute for Advanced Study Delmenhorst, Germany
2006–2010	PhD (Cognitive Science), University of Osnabrück (Summa Cum Laude) Supervisors: Achim Stephan, Robert C. Richardson
2004–2006	Research assistant, Department of Psychology, University of Helsinki
1999–2004	MA (Theoretical Philosophy, Minor: Cognitive Science), University of Helsinki

Publications

Journal articles

- Oude Maatman, F., & **Eronen, M. I.** (accepted). Unraveling Networks: The conceptual incoherence of the network approach. *The Journal of Medicine and Philosophy*.
- Eronen, M. I.** (accepted). Causal complexity and psychological measurement. *Philosophical Psychology*.
- Eronen, M. I.** & Ramsey, G. (accepted). What are the 'levels' in levels of selection? *The British Journal for the Philosophy of Science*.
- Bailey, D. H., Jung, A. J., Beltz, A. M., **Eronen, M. I.**, Gische, C., Hamaker, E. L., ... & Murayama, K. (2024). Causal inference on human behaviour. *Nature Human Behaviour*, 8(8), 1448-1459.
- Eronen, M. I.**, Osbeck, L., & O'Doherty, K. C. (2024). Should psychology follow the methods and principles of the natural sciences? Introduction to the debate. *Theory & Psychology*, 34(3), 285-294.
- Gebharter, A. & **Eronen, M. I.** (2023). Quantifying proportionality and the limits of higher-level causation and explanation. *The British Journal for the Philosophy of Science*, 74(3), 573-601.
- Bringmann, L. F., Albers, C., Bockting, C., Borsboom, D., Ceulemans, E., ... **Eronen, M. I.**, ... & Wichers, M. (2022). Psychopathological networks: Theory, methods and practice. *Behaviour research and therapy*, 149, 104011.
- Bringmann, L. F., Elmer, T., & **Eronen, M. I.** (2022). Back to Basics: The Importance of Conceptual Clarification in Psychological Science. *Current Directions in Psychological Science*, 31(4), 340–346.
- Eronen, M. I.**, & Bringmann, L. F. (2021). The theory crisis in psychology: How to move forward. *Perspectives on Psychological Science*, 16(4), 779-788.
- Eronen, M. I.** (2021). The levels problem in psychopathology. *Psychological Medicine* 51(6), 927-933. <https://doi.org/10.1017/S0033291719002514>
[Reply: Riese, H. & Wichers, M. (accepted): Comment on: Eronen MI (2019). The levels problem in psychopathology. *Psychological Medicine*. <https://doi.org/10.1017/S0033291719003623>]
- Eronen, M. I.** (2020a). Causal discovery and the problem of psychological interventions. *New Ideas in Psychology* 59, 100785.
- Eronen, M. I.** (2020b). Interventionism for the intentional stance: True believers and their brains. *Topoi* 39(1), 45-55.
- Eronen, M. I.** (2019a). Psychopathology and truth: A defense of realism. *Journal of Medicine and Philosophy* 44(4), 507-520.
- Eronen, M. I.** (2019b). Robust realism for the life sciences. *Synthese* 196(6): 2341-2354.
- Eronen, M. I.** (2019c). Spiegelneuronen: het DNA van de psychologie? *Neuropraxis* 23(6), 159-162.
- Eronen, M. I.** & Bringmann, L. F. (2019). Networks, intentionality and multiple realizability: Not enough to block reductionism [peer commentary]. *Behavioral and Brain Sciences* 42, e8. <https://doi.org/10.1017/S0140525X18001012>
- Brooks, D. & **Eronen, M. I.** (2018). The Significance of Levels of Organization for Scientific Research: A Heuristic Approach. *Studies in the History and Philosophy of Biological and Biomedical Sciences*, 68-69, 34-41.
- Bringmann, L. F. & **Eronen, M. I.** (2018). Don't blame the model: Reconsidering the network approach to psychopathology. *Psychological Review* 125(4), 606-615.

- Eronen, M. I.** (2016). Robustness is the kind of coherence that matters – a comment on Kendler (2015). *Psychological Medicine* 46(7), 1563-1564.
 [Reply: Kendler, K. (2016): Robustness is the kind of coherence that matters: a comment on Kendler (2015) – a reply. *Psychological Medicine* 46(7), 1565-1566].
- Bringmann, L. & **Eronen, M. I.** (2016). Heating up the measurement debate: What psychologists can learn from the history of physics. *Theory & Psychology* 26(1), 27-43.
- Eronen, M. I.** (2015a). Levels of Organization: A Deflationary Account. *Biology & Philosophy* 30(1), 39-58.
- Eronen, M. I.** (2015b). Robustness and Reality. *Synthese* 192(12), 3961-3977.
- Eronen, M. I.** & Brooks, D. (2014). Interventionism and Supervenience: A New Problem and Provisional Solution. *International Studies in the Philosophy of Science* 28(2), 185-202.
- Eronen, M. I.** & van Riel, R. (2015). Understanding Through Modeling: The Explanatory Power of Inadequate Representation [editors' introduction]. *Synthese* 192(12), 3777-3780.
- Eronen, M. I.** (2014). Hypothetical Identities: Explanatory Problems for the Explanatory Argument. *Philosophical Psychology* 27(4), 571-582.
- Eronen, M. I.** (2013). No Levels, No Problems: Downward Causation in Neuroscience. *Philosophy of Science* 80(5), 1042-1052.
- Raerinne, J. & **Eronen, M. I.** (2012) Multiple Realizability and Biological Laws. *History and Philosophy of the Life Sciences* 34(4), 521-538.
- Eronen, M. I.** (2012). Pluralistic Physicalism and the Causal Exclusion Argument. *European Journal for Philosophy of Science* 2(2), 219-232.
- Eronen, M. I.** (2011). Replacing Functional Reduction with Mechanistic Explanation. *Philosophia Naturalis* 47-48, 125-153.
- Eronen, M. I.** (2009). Reductionist Challenges to Explanatory Pluralism: Comment on McCauley. *Philosophical Psychology* 22, 637-646.

Book chapters

- Eronen, M. I.** & Bringmann, L. F. (accepted). On worms, mirror neurons and explaining human behavior. In F. Hutmacher & A. Wendt (eds.) *Theory- and Model Building in Psychology*. Palgrave Macmillan.
- Bringmann, L. F., Helmich, M. A., **Eronen, M. I.**, Voelke, M. C. (2023) Complex systems approaches to psychopathology. In Krueger, R. F. & Blaney, P. H., (Eds.) *Oxford Textbook of Psychopathology* (pp. 103-122). Oxford University Press.
- Eronen, M. I.** (2021). Levels, Nests and Branches: Compositional Organization and Downward Causation in Biology. In D. Brooks, J. DiFrisco and W. Wimsatt (eds.) *Hierarchy and Levels of Organization in the Biological Sciences*. MIT Press.
- Eronen, M. I.** (2020). Levels of Organization in Evo-devo. In L. Nuño de la Rosa & G. Müller (eds.) *The Evolutionary Developmental Biology Reference Guide*. Springer.
- Eronen, M. I.** (2019). Emergence. In G. A. Schwartz & V. Bermudez (eds.) *#Nodes. Entangling Sciences and Humanities* (pp. 189-191). Chicago: Intellect, The University of Chicago Press.
- Eronen, M. I.** & Brooks, D. (2018). Levels of Organization in Biology. In Zalta, EN (ed.) *The Stanford Encyclopedia of Philosophy* (Spring 2018 Edition).
<https://plato.stanford.edu/archives/spr2018/entries/levels-org-biology/>
- Eronen, M. I.** (2013). Realization and Robustness: Naturalizing Non-Reductive Physicalism. In K. Talmont-Kaminski & M. Milkowski (eds.) *Regarding the Mind, Naturally: Naturalist*

Approaches to the Sciences of the Mental (pp. 119-137). Newcastle: Cambridge Scholars Publishing.

Walter, S. & **Eronen, M. I.** (2011) Reductionism, Multiple Realizability, and Levels of Reality. In S. French & J. Saatsi (eds.) *Continuum Companion to the Philosophy of Science* (pp. 138-156). London: Continuum.

Eronen, M. I. (2008). Explaining the Brain: Ruthless Reductionism or Multilevel Mechanisms? *Papers of the 31st International Wittgenstein Symposium, Vol. XVI*, 86-88.

Ilomäki, L., **Eronen, M.**, & Lakkala, M. (2008). Verkko-oppimateriaalien arviointi [Evaluation of online learning materials]. In L. Ilomäki (ed.), *Sähköä opetukseen! Digitaaliset oppimateriaalit osana oppimisympäristöä* (pp. 24–30). Helsinki: Opetushallitus.

Books and edited volumes

Eronen, M. I., Osbeck, L., & O’Doherty, K. C. (Eds.) (2024). *Debate issue: Should psychology follow the methods and principles of the natural sciences?* Special issue of *Theory & Psychology*.

Eronen, M. I. & van Riel, R. (Eds.) (2015). *Understanding Through Modeling: The Explanatory Power of Inadequate Representation*. Special issue of *Synthese*.

Eronen, M. I. (2011). *Reduction in Philosophy of Mind: A Pluralistic Account*. Frankfurt am Main: Ontos (De Gruyter).

Miscellaneous

Eronen, M. I. (2018). Mirror Neurons: The DNA of Psychology? *Mindwise* [blog platform of the Department of Psychology of the University of Groningen], February 22, 2018. <http://mindwise-groningen.nl/mirror-neurons-the-dna-of-psychology/>

Eronen, M. I. (2015). Are There Levels Out There? *Scientia Salon* [blog platform edited by Massimo Pigliucci], August 3, 2015. <https://scientiasalon.wordpress.com/2015/08/03/are-there-levels-out-there/>

Eronen, M. I. (2012). Review: J. Hohwy and J. Kallestrup (eds.) Being Reduced. *British Journal for the Philosophy of Science* 63, 227-231.

Eronen, M. I. & Hoffmann-Kolss, V. (2011). Levels and Causation in Neuroscience [conference report]. *The Reasoner* 5(9), 152-153.

Eronen, M. I. (2004). *Emergence in the Philosophy of Mind*. Master’s thesis, University of Helsinki. <http://ethesis.helsinki.fi/julkaisut/hum/filos/pg/eronen/>

Grants and Awards

2021	PhD scholarship for Freek Oude Maatman, University of Groningen and Radboud University Nijmegen
2016–2018	ERA-NET NEURON project: The integration of cross-disciplinary research in neuroscience and social science – a methodological case study on economic policies and the neuroscience of agency (co-a; 44 840 €)
2013–2017	Postdoctoral fellowship of the Research Council Flanders – FWO (ca. 200 000 €)
2015	FWO Travel grant for a research stay at UC Davis, CA (ca. 6000 €)

2011	Grant for organizing workshop “Levels and Causation in Neuroscience” (with Vera Hoffmann-Kolss), Pro*Niedersachsen (7640 €)
2010–2011	Junior Fellow, HWK Institute for Advanced Study (2000 € / month)
2010	Award: Best Presentation (with Daniel Brooks), European Graduate School on Philosophy of Mind, Lausanne, Switzerland
2009–2010	Scholarship for PhD research, Finnish Cultural Foundation (21 000 €)
2007– 2009	Scholarship for PhD research, DAAD Germany (1000 € / month)
2007–2008	Member of the Northern German Network of Excellence of the HWK Institute for Advanced Study
2006–2007	Scholarship, Helsingin Sanomain 100-vuotissäätiö (19 000 €)
2003–2004	Erasmus scholarship for study abroad at Bremen University

Service to the profession

2023 -	Board member of the Research School of Behavioural and Cognitive Neurosciences (BCN), University of Groningen
2022-2024	Member of the Board of Examiners of the Faculty of Philosophy (University of Groningen)
2021 -	Member of the Faculty Council of the Faculty of Philosophy (University of Groningen)
2021 -	Coordinator, master program <i>Philosophy, Science and Humanities</i> (University of Groningen)
2019 -	Associate editor of <i>Theory & Psychology</i>
2018-2020	Head of a working group for improving writing skills teaching at the Department of Psychology (University of Groningen)
2018	Editorial board member, <i>Handbook of Theoretical Psychology</i> (Sage)
2017-2020	Coordinator, master program <i>Theory and History of Psychology</i> (University of Groningen)
2015	Guest editor for a special issue of <i>Synthese</i>
2012	Program committee member, conference “Models and Mechanisms – Special Focus on Cognitive Science”, Tilburg University

Reviewer (journals)

Acta Analytica, Acta Biotheoretica, Analysis, Behaviour Research and Therapy, Biological Theory, British Journal for the Philosophy of Science, Dialectica, Erkenntnis (many times), *European Journal for Philosophy of Science* (many times), *European*

Journal of Neuroscience, Frontiers in Psychology, Frontiers in Psychiatry, International Studies in the Philosophy of Science, Journal for General Philosophy of Science, Journal of Philosophy, Logique et Analyse, Minds & Machines, Nature Communications Psychology, Perspectives on Science, Philosophia Naturalis, Philosophical Papers, Philosophical Psychology (many times), Philosophy and Phenomenological Research, Philosophy of Science, Philosophy & Theory in Biology, Psychological Methods, Psychological Review, Review of General Psychology, Southern Journal of Philosophy, Studia Philosophica Estonica, Studies in History and Philosophy of Science, Synthese (many times), Theoria – A Swedish Journal of Philosophy (x 2), Theoria: An International Journal for Theory History and Foundations of Science, Theory & Psychology (many times), Topics in Cognitive Science, Topoi

Reviewer (other)

Oxford University Press (book manuscript)

MIT Press (book proposal x 2)

Springer (book manuscript)

NWO (Veni proposal, Vidi proposal)

Research Council of the Université Catholique de Louvain (postdoc proposal)

Canadian research council (project proposal)

Outreach

- 2024 Studium Generale Groningen [aftertalk following the screening of the film Eternal You](#)
- 2024 My work is discussed in an [article in the Danish newspaper Weekendavisen](#)
- 2023 I coauthored a book chapter for [Oxford Textbook of Psychopathology](#), a standard textbook that is used to teach thousands of psychology students all around the world
- 2022 [Critical People in Academia – An Interview with Laura Bringmann and Markus Eronen](#) in blog “Growing with Academia”, edited by N. Schwartzbach and M. Stadel
- 2021 Bringmann, L., Eronen, M. & Niessen, S. (2021). “Meten is Weten” In *Achterhaalde waarheid? Zin en onzin van spreekwoorden*. Bolderdijk, J. W., Peels-Matthey, S. & Popkema, A. (eds.). Assen: In Boekvorm Uitgevers
- 2019 Studium Generale Groningen debate “[Are Mental Disorders Brain Disorders?](#)” (with André Aleman as opponent)
- 2019 [Spiegelneuronen: het DNA van de psychologie?](#) Dutch article in *Neuropraxis* (volume 23, issue 6)
- 2018 [Mirror Neurons: The DNA of Psychology?](#) Blog post on Mindwise, the blog platform of the Department of Psychology (University of Groningen)
- 2017 [From Mind to Brain](#) Mindwise Podcast episode
- 2015 [Are There Levels Out There?](#) Blog post on *Scientia Salon*, blog platform edited by Massimo Pigliucci

2015 Are There Levels Out There? A Skeptical Look. Studium Generale lecture at Umea University (Sweden)

International meetings organized

Dec 2023 “Nothing But The Truth” (International conference, member of the organizing committee), University of Groningen

May 2022 “PSH Workshop: Philosophical Debates on Cultural Evolution” (Organized with Olivier van Baars), University of Groningen

May 2017 “Workshop: Causality in Psychological Modeling” (Organized with Jan-Willem Romeijn), University of Groningen, Keynote speaker Denny Borsboom

Oct 2015 “Pathologizing Body and Mind: Leuven Philosophy of Medicine Conference 2015” (Organized with Jonathan Sholl and Andreas de Block), KU Leuven, Keynote speakers Denny Borsboom and Carl Craver

Nov 2014 “Workshop: Mental Causation – Old Problems, New Solutions?” (Organized with Stefaan Cuypers), KU Leuven, Keynote speakers Tom Polger and Larry Shapiro

Apr 2013 “Workshop: Explanatory Power II: Understanding Through Modeling” (Organized with Raphael van Riel), Ruhr University Bochum, Keynote speaker Paul Teller

May 2012 “Workshop: Explanatory Power” (Organized with Raphael van Riel), Ruhr University Bochum

July 2011 “Workshop: Levels and Causation in Neuroscience” (Organized with Vera Hoffmann-Kolss) Keynote speakers William Bechtel and James Woodward, HWK Institute for Advanced Study

Invited talks (external)

11/2024 “Formalization as the future of measurement?”, panel discussion at expert meeting It’s About Time - Improving Intensive Longitudinal Data, Lorentz Center, Leiden University

9/2024 “Human and Artificial Creativity”, talk and panel discussion at the University of Montpellier, France

1/2024 “Psychological theory building as (un)constrained exploration”, Philosophy of Cognitive Science seminar, University of Warsaw, Poland (online)

9/2023 “Discovering Psychological Complexity: Insights for Theory Construction” at Explanation & Complexity in Biology & Psychology - Themes from the Work of Robert C. Richardson, University of Cincinnati, Cincinnati, USA

5/2023 Expert meeting on phenomena detection in psychology with Jim Woodward, Denny Borsboom and others, Netherlands Institute for Advanced Study (NIAS), Amsterdam

2/2023 “Causal complexity and measurement in psychology” at the TINT Seminar, University of Helsinki, Finland (online)

- 5/2022 “Does psychology face a theory crisis and how can we deal with this?” (with Laura Bringmann and Eiko Fried), at KU Leuven, Belgium
- 4/2022 “Causal Discovery in Psychology: Problems, Challenges and Ways Forward” at Jacobs / CIFAR workshop on [Causal Inference From Longitudinal Data](#) (online)
- 4/2021 “Mielenterveyden häiriöiden selittäminen: Biologiasta psykologiaan ja verkostoihin” (Explaining mental disorders: From biology to psychology and networks), at Suomen Filosofinen Yhdistys (Finnish Philosophical Society), Finland (online)
- 3/2020 “Interventionism for the Intentional Stance: True Believers and Their Brains” at Open University of the Netherlands, Heerlen
- 3/2020 “Finding causes in psychology and cognitive neuroscience: Obstacles and ways forward” at Radboud University Nijmegen
- 11/2019 “Reduction and Complexity: Reconsidering the Network Approach to Psychopathology”. At expert meeting *What is Translation? Exploring the Missing Link Between Neuroscience and Psychiatry*, Lorentz Center, Leiden University
- 12/2018 “Causal and constitutive discovery in psychology: Obstacles and challenges” at University of Bergen, Norway
- 7/2018 “Levels and Downward Causation in Cognitive Neuroscience” at VU Amsterdam, Netherlands
- 4/2018 “Interventionism for the Intentional Stance: True Believers and Their Brains” at University of Liège, Belgium
- 3/2018 “The Nature of Hierarchical Organization in Biology”. At expert meeting *Hierarchy and Levels of Organization in the Biological Sciences*, Konrad Lorentz Institute, Austria
- 5/2017 “Heating up the measurement debate: What psychologists can learn from the history of physics” (with Laura Bringmann) at Radboud University Nijmegen, The Netherlands
- 3/2017 “The Nature of Hierarchical Organization in Biology” at Konrad Lorentz Institute, Austria
- 9/2016 “A Philosophical Introduction to Causation in Psychology” at KU Leuven (Department of Health Psychology), Belgium
- 12/2015 “Real Patterns Without Levels” at Humboldt University of Berlin, Germany
- 10/2015 “Interventionism for the Intentional Stance” at Umea University, Sweden
- 7/2015 “Are There Levels Out There? A Skeptical Look” at University of Cologne, Germany
- 5/2014 “Levels and Downward Causation in Neuroscience” at HHU Düsseldorf, Germany
- 7/2012 “On the Reality of Higher-Level Properties” at Humboldt University of Berlin, Germany
- 3/2012 “No Levels, No Problems: Downward Causation in Neuroscience” at University of Helsinki, Finland

- 2/2011 "Reduction and Levels in Retina Research", Fellow Lecture at HWK Institute for Advanced Study, Delmenhorst, Germany
- 12/2010 "Reduction in Philosophy of Mind: A Pluralistic Account" at Forschungskolleg Humanwissenschaften, Bad Homburg, Germany
- 6/2009 "There Is No Functional Reduction – A Defense of Explanatory Pluralism" at Ruhr University Bochum, Germany
- 12/2008 "Reconciling Reductionist Intuitions with Explanatory Pluralism" at University of Lausanne, Switzerland

Invited talks (internal, selection)

- 2/2025 "Human or Machine? Trust, responsibility, and AI in Healthcare)", AI in Healthcare symposium, University of Groningen
- 10/2024 "The levels problem and stress", Stress in Action symposium, University of Groningen
- 10/2023 "AI & Networks", Patto Research Network Meeting, University of Groningen
- 11/2021 "The theory crisis in psychology: How to move forward?" at ICPE, University of Groningen (online)

Conference and workshop talks

- 10/2024 "Psychological theory construction as (un)constrained exploration" ISPMS 2024 (International Society for the Philosophy of the Mind Sciences), online
- 1/2024 "Discovering psychological complexity through (un)constrained exploration" Hanover-Groningen workshop, Hanover, Germany
- 11/2022 "Theory and Measurement in Psychology" PSA 2022 [Philosophy of Science Association], Pittsburgh, USA
- 6/2022 "Theory and Measurement in Psychology" Philosophy of Science in a Forest, Leusden, The Netherlands
- 11/2021 "What are the 'levels' in levels of selection?" PSA 2021 [Philosophy of Science Association], Baltimore, USA (online)
- 9/2021 "The theory crisis in psychology: How to move forward?" EPSA 2021 [European Philosophy of Science Association], Turin, Italy (online)
- 11/2018 "Interventionism and the Challenge of Psychological Causation", PSA 2018 [Philosophy of Science Association], Seattle, USA
- 9/2019 "Causation in Psychological Networks", EPSA 2019 [European Philosophy of Science Association], Genève, Switzerland

- 5/2019 "The Replication Crisis and Causal Theories in Psychology", BAPS 2019 [Belgian Association for Psychological Sciences], Liège, Belgium
- 11/2018 "Interventionism and the Challenge of Psychological Causation", PSA 2018 [Philosophy of Science Association], Seattle, USA
- 9/2018 "Networks and intentionality: Not enough to block reductionism", ESPP 2018 [European Society for Philosophy and Psychology], Rijeka, Croatia
- 1/2018 "Interventionism for the Intentional Stance: True Believers and Their Brains", Workshop with Daniel Dennett, Antwerp University, Belgium
- 8/2017 "Robust Realism for the Life Sciences" Quo Vadis Selective Scientific Realism? Durham, UK
- 7/2017 "Interventionism and the Challenge of Psychological Causation" Theories of causation: mental causation, negative causation, and other challenges, Düsseldorf, Germany
- 12/2016 "Robust Realism for the Life Sciences" OZSW 2016, Groningen, The Netherlands
- 11/2016 "Robust Realism for the Life Sciences" PSA 2016 [Philosophy of Science Association], Atlanta, GA, USA
- 5/2016 "Robust Realism for the Life Sciences" Philosophy of Science in a Forest, Utrecht, The Netherlands
- 9/2015 "Defending the Interventionist Solution to Causal Exclusion" GAP9 [German Society for Analytic Philosophy], Osnabrück, Germany
- 8/2015 "Robustness and Reality: How Science Justifies Ontological Commitments" CLMPS [Congress on Logic, Methodology and Philosophy of Science], Helsinki, Finland
- 2/2015 "Defending the Interventionist Approach to Mental Causation" Rudolf Carnap Lectures 2015, Bochum, Germany
- 1/2014 "Robustness, Models, and Reality" VAF [Dutch-Flemish Association for Analytic Philosophy], Groningen, The Netherlands
- 9/2013 "Defending the Interventionist Solution to the Exclusion Problem" CLPS13 [Conference on Logic and Philosophy of Science], Ghent, Belgium
- 3/2013 "Defending the Interventionist Solution to the Exclusion Problem" GWP.2013 [German Society for Philosophy of Science], Hanover, Germany
- 11/2012 "No Levels, No Problems: Downward Causation in Neuroscience" PSA 2012 [Philosophy of Science Association], San Diego, CA, USA
- 9/2012 "Levels of Mechanisms in Neuroscience: A Deflationary Account" GAP8 [German Society for Analytic Philosophy], Constance, Germany
- 10/2011 "Pluralistic Physicalism and the Causal Exclusion Argument" EPSA11 [European Philosophy of Science Association], Athens, Greece
- 9/2011 "Hypothetical Identities: Why the Explanatory Argument for Type Physicalism Fails" ECAP7 [European Congress of Analytic Philosophy], Milan, Italy

- 10/2010 "Philosophy or Neuroscience: A Non-exclusive Disjunction" (with Daniel Brooks)
European Graduate School: Philosophy of mind, reduction, neuroscience, Lausanne, Switzerland
- 4/2010 "The Future of Psychoneural Reduction: A Defense of Pluralism" FPS2010 [Sydney-Tilburg Conference on the Future of Philosophy of Science], Tilburg, Netherlands
- 9/2009 "There Is No Functional Reduction - A Defense of Explanatory Pluralism" Workshop
Reductionism, Explanation and Metaphors in the Philosophy of Mind, Bremen, Germany
- 9/2009 "A New Look at Reductive Explanation and the Explanatory Gap" GAP7 [German Society for Analytic Philosophy], Bremen, Germany
- 9/2008 "How to Explain the Brain? Ruthless Reductionism vs. Multilevel Mechanisms"
DGPhil [German Society for Philosophy], Essen, Germany
- 8/2008 "A New Look at Reduction in Philosophy of Mind" ECAP6 [European Congress of Analytic Philosophy], Krakow, Poland
- 8/2008 "Explaining the Brain: Ruthless Reductionism or Multilevel Mechanisms?" 31st
International Wittgenstein Symposium, Kirchberg am Wechsel, Austria
- 4/2008 "Reductionism, Explanatory Pluralism and Invariance" RSS2008 [Sydney-Tilburg
Conference on Reduction and the Special Sciences], Tilburg, Netherlands.
- 11/2007 "Reductionism and Explanatory Pluralism" EPSA07 [European Philosophy of Science
Association], Madrid, Spain

Supervision

PhD students

- 2023- Rosa Rooduijn (University of Groningen; daily supervisor)
- 2023- Sepehrdad Rahimian (University of Groningen; daily supervisor)
- 2021- Freek Oude Maatman (University of Groningen; daily supervisor)
- 2021- Rinske Vermeij (University of Groningen; co-supervisor)
- 2018-2020 Chiara Guidi (University of Rome Tor Vergata; co-supervisor)

PhD Committees

- 2023 Frank Hartmann (Radboud University Nijmegen; external examiner and committee member)
- 2022 Mahdi Khalili (VU Amsterdam; external examiner and committee member)
- 2019 Frank van Caspel (Open University of the Netherlands; external examiner and committee member)

Master students

- 2021 – Main supervisor for over 10 MA theses, Faculty of Philosophy, University of Groningen
- 2017 – 2020 Main supervisor for 3 MSc theses, Faculty of Behavioral and Social Sciences, University of Groningen
- 2013 – 2017 Main supervisor for 9 MA theses, KU Leuven

Teaching

I hold the University Teaching Qualification (UTQ/BKO) and a corresponding Belgian qualification (“Opleiding Lesgeven aan de KU Leuven”).

Year	Title	University	Form
2022-	PSH: Specialisation	RUG	MA, English
2021-	Philosophy and Mental Disorders	RUG	MA/BA, English
2021-	Philosophy of AI and Cognition	RUG	BA, English
2021-	Philosophy of Science	RUG	BA, English/Dutch
2019/2020	Brain, Consciousness and Society	RUG	MSc, English
2018, 2019	Wetenschapstheorie	RUG	BSc, Dutch
2018, 2019	Research Practicum	RUG	BSc, English
2018, 2019	Reflecting on Science (2 lectures)	RUG	MSc, English
2017, 2018, 2019	Capita Selecta Reflections on Psychology	RUG	MSc, English
2017, 2018, 2019	Conceptual Issues in Psychology	RUG	MSc, English
2017, 2018, 2019	Controversies in Psychology (1 lecture)	RUG	BSc, English
2017, 2018, 2019	Geschiedenis van de Psychologie (1 lecture)	RUG	BSc, Dutch
2016	Philosophy of Science	KU Leuven	BA, English
2013, 2014	Contemporary Philosophical Texts: Analytical Philosophy	KU Leuven	MA, English
2014	Philosophy of Psychology and Neuroscience	KU Leuven	MA, English/Dutch
2014	Philosophy of Mind (2 lectures)	KU Leuven	BA, Dutch

2014	Philosophical Anthropology (4 lectures)	KU Leuven	BA, English
2013	Philosophy of Psychology	Ruhr University Bochum	BA/MA, English
2012/2013	Theories of Knowledge and Representation	Ruhr University Bochum	MA, English
2012	Einführung in die Erkenntnis- und Wissenschaftstheorie	Ruhr University Bochum	BA/MA, German
2010	Topics in the Philosophy of Science: Laws and Causation	University of Osnabrück	MA, English
2009	Introduction to the Philosophy of Science	University of Osnabrück	MA, English
2006/2007	The Free Will Debate in Philosophy – Past and Present	University of Osnabrück	BA/MA, English