

HUGH DESMOND
– **Curriculum Vitae** –

Version of June 2022

Affiliation: Department of Philosophy, Leibniz University Hannover
Department of Philosophy, University of Antwerp

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Website: www.hughdesmond.net

Date of Birth: 17 August, 1986

Nationalities: Ireland, USA, Belgium

Personal: married, 4 children

Areas of Specialization: Philosophy of Biology, Philosophy of Science, Social Epistemology, Bioethics, Research Ethics and Integrity.

Areas of Competence: Metaethics, Philosophy of Cognition, Philosophy of Action, Philosophy of Technology.

1. Academic positions

2022 – 2024	Postdoctoral Researcher at the Department of Philosophy at the Leibniz Universität Hannover.
2021 – 2022	Postdoctoral Researcher at Institut d’Histoire et de la Philosophie des Sciences et Techniques (IHPST), CNRS, Paris.
2020	Visiting Scholar at the Hastings Center, New York
2019 –	Assistant Professor, Department of Philosophy, University of Antwerp (10%)
2017 – 2021	Postdoctoral Researcher, Centre for Biomedical Ethics and Law, KU Leuven
2017 – 2018	Postdoctoral Fellow, Higher Institute of Philosophy, KU Leuven
2015	Visiting Researcher, Department of Philosophy, New York University
2012 – 2013	Visiting Researcher, Department of Philosophy, Princeton University
2011 – 2017	FWO doctoral fellow

2. Education

2016	Ph.D. in Philosophy, Katholieke Universiteit Leuven, <i>summa cum laude</i> <u>Thesis:</u> “Life’s Plot: Contingency and Symmetries in Evolutionary History”. Advisers: Professors Grant Ramsey and Andreas De Block
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Study Visits:

Princeton University, 2012-13 (12 months). Adviser: Professor Mark Johnston
New York University, 2015 (3 months). Adviser: Professor Michael Strevens

- 2011 Specialization (*perfectionnement*) at Conservatoire National Supérieure de Musique et de Danse de Paris (CNSMDP). Professor: Michaël Hentz
- 2011 M.Phil. in Philosophy, Katholieke Universiteit Leuven, Belgium, *cum laude*
Specialization in Phenomenology, Adviser: Prof. Paul Moyaert
Thesis: Religious Belief and Finality in Bergson's Later Philosophy
- 2010 M.A. in Philosophy at Katholieke Universiteit Leuven, Belgium, *summa cum laude*
Thesis: Bergson and the élan riant: a study in metaphysics and humour
Adviser: Prof. Paul Moyaert
- 2010 M.A. in Music Performance at Royal Conservatory of Brussels, Belgium, *magna cum laude*
Professor: Yuzuko Horigome
- 2008 B.A. in Philosophy at Katholieke Universiteit Leuven, Belgium, *magna cum laude*
Thesis: Kuhn on Incommensurability
Adviser: Professor Jaap van Braekel
- 2007 B.S. in Physics at Katholieke Universiteit Leuven, Belgium
Thesis: Topological Defects | Adviser: Dr. Mboyo Esole
magna cum laude
- 2007 B.A. in Music Performance at Royal Conservatory of Brussels, Belgium, *magna cum laude*
Professors: Yuzuko Horigome and Otto Derolez

3. Publications

a. Monographs

- [1] **Desmond, H.** (forthcoming in 2023) *Vertrouwen in de wetenschap. Tussen Precisie en Prestige*. Antwerp: Letterwerk.

b. Edited Books

- [2] **Desmond, H.**, Ramsey, G., (forthcoming in 2022) *Human Success: Evolutionary Origins and Ethical Implications*. Oxford University Press.
- [3] Du Crest, A., Valković, M., Ariew, A., **Desmond, H.**, Huneman, P., Reydon, T.A.C.. Springer. (under contract) *Evolutionary Thinking Across Disciplines: Problems and Perspectives in Generalized Darwinism*. Editors: Agathe du Crest, Martina Valković, André Ariew, Hugh Desmond, Philippe Huneman & Thomas A.C. Reydon. Springer

c. Peer-reviewed Articles

- [4] Folefac, C., **Desmond, H.** (accepted). Clinical Equipoise Still the Gold Standard for Randomized Clinical Trials? A Systematic Review of Reasons. *Clinical Ethics*.
- [5] **Desmond, H.** (accepted) Status Distrust towards Scientific Experts. *Social Epistemology*.
- [6] **Desmond, H.**, Huneman, P. (2022) The Integrated Information Theory of Agency. *Behavioral and Brain Sciences*. DOI: 10.1017/S0140525X21002004
- [7] **Desmond, H.** (2021) In Service to Others: A New Evolutionary Perspective on Human Enhancement. *The Hastings Center Report*, 51 (6): 33-43. DOI: <https://doi.org/10.1002/hast.1305>

Chosen as the lead article in the November/December issue.

- [8] Aaby, B., **Desmond, H.** (2021) Niche construction and teleology: organisms as agents and contributors in ecology, development, and evolution. *Biology and Philosophy*, 36:47. DOI: 10.1007/s10539-021-09821-2
- [9] **Desmond, H.** (2021) Incentivizing Replication is Insufficient to Safeguard Default Trust. *Philosophy of Science*, 88: 1-12. DOI: 10.1086/715657
- [10] **Desmond, H.** (2021) The Selectionist Rationale for Evolutionary Progress. *Biology and Philosophy*. 36:32. DOI: 10.1007/s10539-021-09806-1
- [11] **Desmond, H.** (2021) Adapting to Environmental Heterogeneity: Selection and Radiation. *Biological Theory*, 17: 80-93. DOI: 10.1007/s13752-021-00373-y
- [12] **Desmond, H.**, Dierickx, K. (2021) Trust and Professionalism in Science: Medical Codes as a Model for Scientific Negligence? *BMC Biomedical Ethics*, 22:45. DOI: 10.1186/s12910-021-00610-w
- [13] **Desmond, H.** (2021) Precision Medicine, Data, and the Anthropology of Social Status. *American Journal for Bioethics*, 21(4): 80-83. DOI: 10.1080/15265161.2021.1891345
- [14] **Desmond, H.**, Dierickx, K. (2021) Research Integrity Codes of Conduct: Mapping the Divergences. *Bioethics*. DOI: 10.1111/bioe.12851.

Featured in Science on March 10, 2021:
<https://www.sciencemag.org/news/2021/03/what-research-misconduct-european-countries-can-t-agree>

- [15] **Desmond, H.** (2021) Expert Communication and the Self-Defeating Codes of Scientific Ethics. *American Journal of Bioethics*, 21(1): 24-26. DOI:10.1080/21507740.2020.1830874
- [16] **Desmond, H.** (2020) Service and Status may Help Explain Perceived Ethical Acceptability. *The American Journal of Bioethics – Neuroscience*, 11(4), 258-260. DOI: 10.1080/21507740.2020.1830874
- [17] **Desmond, H.** (2020) Professionalism in Science: Competence, Autonomy, and Service. *Science and Engineering Ethics*, 26(3): 1287-1313. DOI: 10.1007/s11948-019-00143-x
- [18] **Desmond, H.** (2019) Shades of Grey: Granularity, Pragmatics, and Non-Causal Explanation. *Perspectives on Science* (MIT Press), 27(1): 68-87. DOI: 10.1162/posc_a_00300

- [19] **Desmond, H.** (2018) Natural Selection, Plasticity, and the Rationale for Largest-Scale Trends. *Studies in History and Philosophy of Science C*, 68: 25-33. DOI: 10.1016/j.shpsc.2018.04.002
- [20] **Desmond, H.** (2018) Natural Selection: Deriving Causality from Stable Equilibrium. *Erkenntnis*, 83:265–286. DOI: 10.1007/s10670-017-9889-z
- [21] **Desmond, H.** (2017) Symmetry breaking and the emergence of path-dependence. *Synthese*, 194:4101–4131. DOI: 10.1007/s11229-016-1130-0
- [22] **Desmond, H.** (invited) Academic Status in a Digital Age: Invisible Barriers to Open Science. *Synthese* (special issue).

d. Book chapters

- [23] **Desmond, H.** (invited) Engineering Trust Online: Algorithms, Cognitive Biases, and the Role of Ethics. In: Alfano, M. (ed), *The Moral Psychology of Trust*. Rowman and Littlefield
- [24] **Desmond, H.** (2022) The Generalized Environment. In: du Crest et al. (ed), *Evolutionary Thinking Across Disciplines: Problems and Perspectives in Generalized Darwinism*. Springer.
- [25] **Desmond, H.** (invited) Sexual Selection as an Agential, not Selective Mechanism. In: Gayon, E., Huneman, P., Petit, V., Veuille, M. (eds). *150 Years of the Descent of Man*. Springer.
- [26] **Desmond, H.** (2022) Reclaiming Privacy and Care in the Age of Social Media. In: Jefferson, A., Palermos, O., Paris, P., Webber, J. *Virtues and Values in a Changing World*. Cambridge University Press.
- [27] **Desmond, H.** (2022) Enhancement and Success: Beyond Techno-Libertarianism. In: Desmond, H., & Ramsey, G. (eds), *Human Success: Evolutionary Origins and Ethical Implications*, Oxford: Oxford University Press.
- [28] **Desmond, H.**, Ramsey, G. (2022) Introduction: The Manifold Challenges to Understanding Human Success. In: Desmond, H., & Ramsey, G. (eds), *Human Success: Evolutionary Origins and Ethical Implications*, Oxford: Oxford University Press.
- [29] **Desmond, H.**, Huneman, P. (2020) The Ontology of Organismic Agency: A Kantian Approach. In: Altobrando, A., Biasetti, P., (eds.) *Natural Born Monads: On the Metaphysics of Organisms and Human Individuals*, pp. 33-64. Berlin: De Gruyter. DOI: 10.1515/9783110604665-003

e. Monographs (Public Philosophy)

- [30] (forthcoming) *Relaties in het tijdperk van wetenschap en liberalisme*. Pelckmans

f. Reference Works

- [31] Ramsey, G., **Desmond, H.** (2017) *Philosophy of Biology*. Oxford *Bibliographies in Philosophy*. Oxford: Oxford University Press. DOI: 10.1093/OBO/9780195396577-0341

g. Articles for Philosophical Magazines or Bulletins

- [32] Huneman, P., **Desmond, H.**, Du Crest, A., (2021) Du darwinisme en sciences humaines et sociales. Partie II. AOC: *Analyse, Opinion, Critique*.

URL : <https://aoc.media/analyse/2021/12/15/du-darwinisme-en-sciences-humaines-et-sociales-2-2/>

[33] Huneman, P., **Desmond, H.**, Du Crest, A., (2021) Du darwinisme en sciences humaines et sociales. Partie I. *AOC: Analyse, Opinion, Critique*. URL : <https://aoc.media/analyse/2021/12/14/du-darwinisme-en-sciences-humaines-et-sociales-1-2/>

[34] Desmond, H. (2021) Towards an Ethics of Expert Communication. *Maja: Magazine of the Young Academy*. Special issue with 10 best essays for the Essay Prize “Anticipating life after the COVID-19 pandemic”. URL: https://jongeacademie.be/wp-content/uploads/2021/04/JA_Maja-PandemicEdition.pdf

[35] Desmond, H. (2020). Weerbarstige ervaringen bij niet-biologische ouderschap. Podium voor Bioethiek. June 2020. URL: <https://nvbioethiek.files.wordpress.com/2020/09/podium-20-2-ethiek-en-politiek-van-maakbaar-meervoudig-ouderschap.pdf>

[36] Desmond, H. (2013). Waarom Bergson geen vitalist is. *Filosofie*, 23 (5), 18-24.

h. Invited Book Reviews

[37] Desmond, H. (2021) Ruse, Michael. *On Purpose*. Princeton: Princeton University Press. Reviewed for: *Science and Education: Contributions from the History and Philosophy of Science and Mathematics*. DOI: 10.1007/s11191-021-00271-6

[38] Desmond, H. (2020) Swarm-like humans: the evolutionary dynamics of social identity. Review of Moffett, Mark W. *The Human Swarm: How Our Societies Arise, Thrive, and Fall*. Basic Books. *The Quarterly Review of Biology*, 95(4): 341. DOI: 10.1086/711784

g. Media pieces

[39] (2021) Waar komt de babybust vandaan? (On how status competition is contributing to the babybust) *Eos – Psyche & Brein*. URL: <https://www.eoswetenschap.eu/psyche-brein/waar-komt-de-babybust-vandaan>

[40] (2018) It's not a coincidence that monogamous marriage is a huge success (Het monogaam huwelijk is niet toevallig een enorm success) *De Standaard* (June 28, 2018) URL: http://www.standaard.be/cnt/dmf20180627_03586481

[41] (2017) Why scientific research increasingly resembles Tinder (Hoe wetenschappelijk onderzoek steeds meer op Tinder lijkt) *Knack* (May 26, 2017) URL: <http://www.knack.be/nieuws/belgie/hoe-wetenschappelijk-onderzoek-steeds-meer-op-tinder-lijkt/article-opinion-857859.html>

[42] (2017) Evolution: a big mess? *Campuskrant KU Leuven*. URL: <https://nieuws.kuleuven.be/nl/campuskrant/1617/06/de-evolutie--een-zootje-geregeld>

[43] (2013) Porno is junkfood van de seksualiteit. *De Standaard*. URL: http://www.standaard.be/cnt/dmf20130729_00674566

4. Awards and Prizes

- 2019 FWO grant (grant number GoD6920N) to hire 1 PhD student to work on “The Professionalization of Science: Analysis and Normative Implications” (197.000 EUR; co-PI with Kris Dierickx as PI, based on [6] in publications)
- 2019 FWO grant for research visit to the Hastings Center (1250 EUR)
- 2019 NSF Travel Grant for the 2019 ISHPSSB conference in Oslo, NO. (450 USD)
- 2018 FWO Travel Grant for the 2018 Philosophy of Science Association conference in Seattle, WA. (1100 EUR)
- 2018 NSF Travel Grant for the 2018 Philosophy of Science Association conference in Seattle, WA. (1000 USD)
- 2016 NSF Travel Grant for the 2016 Philosophy of Science Association conference in Atlanta, GA. (700 USD)
- 2015 Travel Grant from ISHPSSB for the 2015 meeting in Univerité du Québec à Montréal, Canada (1100 USD)
- 2015 Travel Grant for the conference ‘Explaining and Explaining Away in Science and Religion’ from Ulster University. (300 EUR)
- 2014 Travel Grant from Centre for the History of European Discourses (Brisbane, Australia) for the conference ‘Evolution and Historical Explanation’. (500 AUD)
- 2012-2013 ‘Herman Van Waeyenbergh of the Hoover Foundation’ Fellowship from the Belgian American Educational Foundation (20,000 USD).
- 2011 ‘Colonel and Madam Bisschop-Matthijsens’ Prize for Outstanding Merit from the Royal Conservatory of Brussels (800 EUR)
- 2011-2016 Personal PhD fellowship from Research Fund – Flanders (FWO; ca. 200.000 EUR).

5. Teaching

Teaching training: a basic course on teaching professionalization and course design (KU Leuven; 2020)

2021 – 2022 Philosophy and Society: Trust in Science

2020 – 2021 Applied Ethics (primary instructor; taught in Dutch)

Ethics (primary instructor; day program; taught in Dutch)

Ethics (primary instructor; evening program for working professionals; taught in Dutch)

2019 – 2020 Philosophy and Society: Trust and Distrust in Science and Between Genders.

(primary instructor; Taught in Dutch.)

- 2018 – 2019 Philosophy and the Contemporary World: The Feminism and the Evolution of Monogamy (3 classes, primary instructor)
- 2017 – 2018 Ethics of Cognitive Enhancement (3 classes, primary instructor)
Philosophy of Science (1 semester, primary instructor)
Ethics of Human Enhancement (2 classes, primary instructor)
- 2016 – 2017 Metaphysics seminar (1 semester, primary instructor)
- 2015 – 2016 Philosophical Anthropology seminar (1 semester, primary instructor)
- 2014 – 2015 Introduction to Logic, Exercises (1 semester, teaching assistant)
- 2013 – 2014 Research and Writing Tutorial (2 semesters, primary instructor)

6. Supervision

As PhD supervisor

- 2020 – '24 Jacopo Ambrosj. The Professionalization of Science. Joint PhD at KU Leuven (supervisor: Kris Dierickx) and University of Antwerp (supervisor: Hugh Desmond)

Bachelor and Master students

- 2020-'21 Joline Joostens (MA) : The concept of virtù in Machiavelli
Filip Baeyens (MA) : Virtue Ethics and Radical Uncertainty in Nassim Taleb
Lien Van Lommel (BA) : Trust and Socioeconomic Status
- 2019-'20 Jella Bal. The ethics of monogamy and polyamory (BA)
Folefac Charlemagne. The impact of financial incentives on the ethics of clinical trials: the concept of equipoise (MA)
- 2018-'19 Minnema, Roosmarijn. Research Capacity Building in HIV Partnerships: A Systematic Literature Review (MA)
- 2016-'17 Bogacz, Magda. Revisiting the Replicability Crisis. (MA)

Membership of Defense Committees:

2020: 2 defense committees of BA students; 6 defense committees of MA students

2019: 4 defense committees of BA and MA students

Pieter de Petter. (2018). The Singularity. (supervisor: Roger Vergauwen.)

Lovro Savic. (2018). Broadening the Scope of Public Health: Do We Need Public Mental Health Ethics? (supervisor Yvonne Denier)

Daniel Pizzolato. (2018). Evaluating the Use of Placebo-Controlled Trials in Developing New Cancer Treatments: Placebos in Immunotherapy Clinical Trials. (supervisor: Kris Dierickx.)

Lars Krekt. (2017). Politics in Hannah Arendt. (supervisor: Luc van Liedekerke.)

Kasper Vancanneyt. (2017). Nietzsche and philosophy of music. (supervisor: Dennis Van Den Auweele.)

7. Invited Talks

1. “Sexual Selection, Aesthetics, and Darwinism.” Descent of Man Conference (expert workshop). Paris. July 2022
2. “Agential explanations.” Life & Cognition seminar series in Louvain-la-Neuve, April 2022.
3. “Questioning the politics-free ideal of science.” Seminar series at Sarton Center for History of Science, University of Ghent, March 2022.
4. “The Generalized Environment.” Expert workshop on Generalized Darwinism. Paris. October 2021.
5. “The Agential Account of Human Nature.” Seminar series at the IHPST (CNRS/Paris I-Sorbonne). September 2021.
6. Agential explanations. Invited talk for “The Return of the Organism in the Biosciences: Theoretical, Historical and Social Dimensions” research group at Ruhr University Bochum. March 2021.
7. “The Service View on Human Enhancement.” Lunch-time talk at the Hastings Center, NY. January 2020.
8. “The Environment in Human Evolution.” Lecture at the Konrad Lorenz Institute, Vienna. December 2019.
9. “Understanding the Social Structure of Science: Ethics versus Game Theory.” CLPS Seminar, KU Leuven. November 2019.
10. “The Selectionist Rationale for Evolutionary Progress.” CEFISES Seminar, UC Louvain. December 2018.
11. “Against Interventions as Regulative Ideal: The Fragility of Nonlinear Feedback Relations.” Invited lecture, University of Antwerp, Belgium. January 2018.
12. Invited commentary on David Kinney’s ‘Choosing a Level of Causal Description: A Pragmatic Approach’. Society for Metaphysics of Science Annual Conference. Fordham University, New York, NY. November 2017.

8. Peer-Reviewed Talks

1. ‘Reclaiming Care and Privacy in the Age of Social Media.’ Royal Institute of Philosophy Public Philosophy Festival 2021. Cardiff. September 2022.
2. “Questioning the politics-free ideal of science.’ European Society for the History of Science. Brussels. September 2022.

3. 'Towards an Ethics of Expert Communication' 16th World Congress of Bioethics. Basel. July 2022.
4. 'In Service to Others: A New Evolutionary Perspective on Human Enhancement'. 16th World Congress of Bioethics. Basel. July 2022
5. 'Causation as a Tool for Intelligibility.' Conference on 'Physics, Time and Agency'. Trinity College Dublin. June 2022
6. 'Incentivizing Replication is Insufficient to Safeguard Default Trust'. PSA biannual conference. Baltimore. November 2021.
7. 'Darwinism as a Thick Concept: Explanation, Methodology, Worldview.' SPS conference, Mons. September 2021
8. 'Trustworthiness of Professions: Why Status is Subordinate to Service'. Conference on the Social Indicators of Trust. Peritia consortium, École Normale Supérieure. June 2021.
9. Academic Status and Invisible Barriers to Open Science. Online conference on Digital Studies of Digital Science. March 2021
10. Trustworthiness of Professions: Why Status is Subordinate to Service. 'Social Indicators of Trust'. Peritia consortium, École Normale Supérieure. (Online), October 2020.
11. 'Incentivizing Replication is Insufficient to Safeguard Default Trust.' Conference on 'The Replicability Crisis? Philosophical, Legal and Social Perspectives'. Lyon. October 2020 (online)
12. 'Professionalism in science: competence, autonomy and service.' REWARD | EQUATOR Conference, Berlin, February 2020.
13. 'Science Policy Makers Need Guidelines on Research Integrity Codes.' REWARD | EQUATOR Conference, Berlin, February 2020.
14. 'Wars in Meta-Ethics: Units of Selection versus Agency'. Workshop on Origins of Unfairness. University of Zurich. October 2019
15. 'Agency and Environmental Novelty'. European Society for the Philosophy of Science. University of Geneva, Switzerland. September 2019.
16. 'Agency and Environmental Novelty'. International Society for History, Philosophy and Social Studies of Biology, University of Oslo, Norway. July 2019.
17. 'Enhancing Human Evolution: Competitive and Agential Success'. Conference 'Human Success: Evolutionary Origins and Ethical Implications'. KU Leuven. June 2019.
18. 'Moral and Professional Models of Self-Regulation among Scientific Codes of Conduct in Europe'. World Congress on Research Integrity, Hong Kong. June 2019.
19. 'The Selective Environment as the Arena of Phylogenetic Competition'. Consortium for the History and Philosophy of Biology. IHPST – CNRS, France. May 2019.
20. 'Trust and Professionalism in Research'. Workshop on Self-Regulation in Science. KU Leuven. May 2019.
21. 'Shades of Grey: Granularity, Pragmatics, and Non-Causal Explanation'. German Society for the Philosophy of Science. February 2019.
22. 'The Selectionist Rationale for Evolutionary Progress'. CLPS Seminar, KU Leuven.

February 2019.

23. 'Critiquing Interventionism: Nonlinear Systems, Control, and Fragility'. Philosophy of Science Association Conference 2018. Seattle, WA. November 2018.
24. 'Science Self-Regulation: Is Incompetence a Form of Misconduct?' EACME Annual Conference. Amsterdam, Netherlands. September 2018.
25. Invited commentary on Zita Toth's 'On the Supposed Necessary Connection between Causes and Effects'. KU Leuven.
26. 'Delineating the Cultural Selective Environment'. The Generalized Theory of Evolution Conference. Düsseldorf, Germany. March 2018.
27. 'Science Self-Regulation: Is Incompetence a Form of Misconduct?' Printeger Conference. Bonn, Germany. February 2018.
28. 'Delineating the Cultural Selective Environment'. Workshop 'General Formulations of Evolutionary Theory', IHPST, Paris. November 2017.
29. 'Interventionism and Pernicious Idealization of Complex Systems' European Congress for Analytic Philosophy. Munich, Germany. August 2017.
30. 'Success and Reason: A New Darwinian Dilemma for Moral Realism'. Michael Ruse workshop. KU Leuven, Belgium. May 2017.
31. 'Decoupled Representations and Whole-Organism Plasticity'. Workshop on Philosophy of Biology and Cognitive Science. Murcia, Spain. May 2017.
32. Debunking Morality: The View from Human Evolutionary History. CLAW seminar, KU Leuven, Belgium. March 2017.
33. 'Complexity and Generalization in the Special Sciences' Philosophy of Science Association Conference 2016. Atlanta, GA. November 2016.
34. 'Complexity and Generalization in the Special Sciences' Philosophy of Science in a Forest. Kaap Doorn, Netherlands. May 2016.
35. 'Natural selection: deriving causality from equilibrium' European Philosophy of Science Association Conference 2015. Düsseldorf. September 2015.
36. 'Does Natural Selection Imply We Are Contingent?' 2015 Ian Ramsey Centre Conference, 'The Human Difference?' Oxford University. July 2015.
37. 'Global Directionality and Behavioral Flexibility'. International Society for History, Philosophy and Social Studies of Biology, Université du Québec à Montréal. July 2015.
38. 'Natural selection: deriving causality from equilibrium' British Society for the Philosophy of Science Manchester University. July 2015.
39. 'Directional Evolution'. Explaining and Explaining Away in Science and Religion. University of Ulster. January 2015.
40. 'Probabilistic Explanation is not about Probability'. European Congress for Analytic Philosophy, Bucharest University. August 2014.
41. 'Scales of Analysis and Evolutionary Explanation'. Evolution and Historical Explanation, CHED-IRC. Oxford University. July 2014.
42. 'Probability Size and Scales of Analysis', Graduate Conference on Probability, London School of Economics. June 2014.

43. 'Natural Selection and Emergent Causality'. Graduate Conference in Theoretical Philosophy, VU Amsterdam. May 2014.
44. 'Intelligence as Statistical Attractor'. The Soul Conference, Oxford University. June 2013.

9. Service to Society

Trust and autism: a series of three workshops, given to the Flemish Association for Autism, about the epistemology and ethics of trust, tailored for the needs of people with autism. April and May 2021.

10. Service to the Profession

Memberships

American Philosophical Association, Philosophy of Science Association, European Philosophy of Science Association, Association for Practical and Professional Ethics (APPE), La Société de Philosophie des Sciences, The German Society for Philosophy of Science

Reviewer for journals

Biology and Philosophy (x4); Mind; Studies in History and Philosophy of Science C (x6); Dialectica; Philosophical Studies (x3); Journal of the American Philosophical Association; Ethical Perspectives (x2); British Journal for the Philosophy of Science (x2); Ergo; Science and Engineering Ethics (x3); Medicine, Health Care and Philosophy; Philosophy, Theory, Practice in Biology; Theoretical Medicine and Bioethics; History and Philosophy of the Life Sciences; Philosophia Scientiae; PLOS One (x2); Social Epistemology; BMJ Open; BioScience; Theory of Science; Research Ethics; Acta Biotheoretica

Reviewer for academic publishers

Springer Nature, Palgrave and Macmillan

Reviewer for Funding Associations

Research Grants Council Hong Kong (x10).

External Expert

External expert for a workshop on an edited volume for the Templeton-funded project *Thomistic Evolution*. (October 2021)

Research Integrity Consultation and Workshops

4 sessions co-led with Karin Sipido for PhD students in biomedical sciences:
January 2019, April 2019, February 2020, June 2020

Research Integrity trainings "Train the Trainer": showing research integrity officers

how virtue ethics can be used in research integrity education (4 groups in Belgium, Luxemburg, and France: October, November, and December 2020).

Conference Organization

- 2021 Evolutionary Thinking across the Disciplines. Expert Workshop. Complex Systems Institute (Paris), October 20-22. Co-organizer with Agathe du Crest and Philippe Huneman.
- 06/2019 'Human Success: Evolutionary Origins and Ethical Implications.' Keynote speakers: Peter Richerson (UC Davis), Marion Hourdequin (Colorado College), Matt Grove (Liverpool University), Bernd Rosslenbroich (Witten/Herdecke University), Susan C. Antón (NYU), Hugh Desmond (KU Leuven). *Architect and lead organizer*. Funding awarded: 3 grants totaling 4.000 EUR.
- 05/2019 'Science self-regulation: between marketization, bureaucratization, and professionalization'. *Architect and lead organizer*. Funding awarded: 1 grant totalling 1.000 EUR
- 06/2018 Historical and Scientific Explanation: Reconceiving the Connection. KU Leuven. Keynote speakers: Michael Strevens (NYU), Philippe Huneman (CNRS-Paris I), Sylvia Wenmackers (KU Leuven). *Architect and lead organizer*. Funding awarded: 3 grants totaling 3.500 EUR.

Symposium Organization

- 2021 The Legitimacy of Generalizing Darwinism. Symposium at the GWP conference, Berlin.
- 2021 The Legitimacy of Generalizing Darwinism. Symposium at the SPS conference, Mons.
- 2019 'Is Agency a Mere Heuristic?' Symposium for the EPSA Conference, Geneva. *Lead organizer*.
- 2019 'Is Agency a Mere Heuristic?' Symposium for the ISHPSSB Conference, Oslo. *Lead organizer*.

11. Selected Experience in Other Domains

Science, Philosophy, and Music

- 2016 Founding of the non-profit *Doppio Stile vzw* dedicated to interdisciplinary projects on music, philosophy, and science

Physics

- 2006 SULI undergraduate summer internship
Stanford Linear Accelerator Center, Stanford University, California, USA

Music (hughdesmond.com)

- 2020-present Concertmaster for the *Ataneres Ensemble*.
- 2019 Series of solo performances with the PianoFest Festival Orchestra.
- 2019 Performances of *Music of the Stars*, interdisciplinary project of *Doppio Stile* in collaboration with astrophysicist Katrien Kolenberg.
- 2013 Second-prize winner at 10th International Music Competition ‘Premio Citta’ di Padova’.
- 2013-present Duo ‘Doppio Stile’ with pianist Waldo Geuns: doppiostile.net
- 2012-2016 Pianotrio ‘De Drij Coppem’ with Stijn Kuppens and Waldo Geuns: dedrijcoppem.com
- 2011-2019 Leader of second violins and replacement concertmaster of Frascati Symphonic/Ataneres Ensemble
- 2011-2014 Freelance violinist for orchestras in Belgium (Brussels Philharmonic, Le Concert Olympique)
- 2011 Head Concertmaster of Lucerne Festival Orchestra Academy, directed by Pierre Boulez and Peter Eötvös

12. Languages

English: Native language

Dutch: Native language

French: C1

Italian: Conversational

German: Basic Knowledge

Latin: reading knowledge

Programming Languages

Object-oriented language: Java

Mathematical/statistical analysis and numerical simulation: Maple, SAS, MATLAB

Document preparation: LaTeX