

Curriculum Vitae Laurens Landeweerd

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Laurens Landeweerd (Dr.mult.) is a philosopher who holds a position as associate professor (UD1) at Radboud University Nijmegen's Institute for Science Innovation and Society. He also works for Hogeschool Zuyd's Interdisciplinary Arts programme (iArts).

As a philosopher Landeweerd is interested in the relation between human nature, art, design, science and technology. His work focuses on process thought, specifically in the French continental tradition of the tension between organics and mechanics as defined by the philosopher Henri Bergson. Landeweerd studied **Philosophy** at the **University of Amsterdam** and **Culture & Science** at **Maastricht University**. For both, he focused on the notion of identity in science (psychology) and in the history of philosophy (phenomenology and existentialism in specific). After his studies he worked on the revision of a Dutch history of philosophy (25 Eeuwen (Westerse) Filosofie). In 2002 he started as junior researcher at the department of Health Ethics and Philosophy (now Health, Ethics and Society) at **Maastricht University**. Between 2002 and 2008 he wrote his first PhD thesis, *Reconstructing the Self; problems of choice, fate and justification in the eugenics debate* (2009), whilst doing research for a number of European Framework projects. In 2022, Landeweerd defended *Time Life & Memory; Bergson and contemporary science*, his second PhD dissertation, at Erasmus University Rotterdam. In this thesis he focused on the relevance of the philosophy of Henri Bergson for contemporary science and for the problem of the Anthropocene.

Present and past occupations, with brief description:

01-04-2017-present:	Hogeschool Zuyd's interdisciplinary arts (iArts) school (faculty of Arts). Project advisor for the science and technology track (0.2fte).
01-09-2015-01-02-2018	HIOA Oslo, senior researcher on RRI for the HCENAT project (0.2fte).
01.12.2011-present	Radboud University Nijmegen, Faculty of Science, Institute of Science, Innovation and Society (ISIS).
01.10.2009 – 01-03-2015	TU Delft / KluYver Centre for Genomics of Industrial Fermentation, researcher. Responsible for execution of FP7 project (SynthEthics), supervision of 1 postdoc and co-supervision of 2 PhD's.
01.12.2008 – 01.04.2012	Maastricht University, researcher. Responsible for execution of 2 FP7 projects (Ethicsweb & Value Isobars).
01.07.2007 - 01.07.2009	TU Delft / KluYver Centre for Genomics of Industrial Fermentation, postdoc: responsible for the execution of NWO-project 'user-producer interaction in functional genomics innovations.
01.09.2006 - 01.01.2007	Sheffield University, junior lecturer for an exchange with Sheffield Institute for Biotechnology Law and Ethics (SIBLE), for replacement teaching of a module 'moral theories': design of new course, development + teaching for master's students of the master's in biotechnology, law and ethics (MABLE), law department of Sheffield University.
01.04.2002 - 01.10.2007	Maastricht University, junior researcher (autonomous research for doctorate's dissertation and EC-project research): supervisors: Prof. Dr. Rein Vos, Prof. Dr. Ruud ter Meulen. Responsible for the deliverables of the FP7 ENHANCE-project.
01.10.2000 - 01.11.2002	Boom Publishing Company: editorship of the complete revision of Jan Bor's '25 eeuwen Filosofie' (a Dutch history of philosophy).

University and schooling background

01.09.1995 - 01.09.2000	University of Amsterdam, Faculty of Philosophy: doctorandus (former Dutch equivalent of a master)
01.09.1994 - 01.09.2000	University of Maastricht, Faculty of Culture and Science Doctorandus (former Dutch equivalent of a master)
01.09.1988 - 01.07.1994	Gymnasium-β Gymnasium-α (combination track): Mathematics-B (arithmetic), Biology, Chemistry, Latin, Dutch, English, French, History

Roles and themes:

Conference contributions:

Landeweerd has organised and participated in presentations and panel discussions at conferences and symposia. In the years that he worked for Maastricht University, these mainly concerned issues related to the debate on the limitations of innovations in medicine (genomics, human enhancement etc.), but due to his involvement in various European interdisciplinary projects he was also invited for conferences on other scientific topics. During his years at TUDelft he focused on industrial biotechnology, the potential role such expertise might play in the development of biofuels and biomaterials and as such how they contribute to issues related to sustainable development. For Radboud University, he focuses on the development and convergence of novel approaches to research and innovation (NBIC convergence: neuro-/nano-, bio-, info- and cogno).

Workshop contributions:

Landeweerd has contributed to several workshops, either as speaker/panel member or as organiser. Some of these workshops were organised as part of European Framework or Dutch national projects, others were organised by research groups or non-academic foundations.

Highlights: the collaboration with TUDelft on the Nias-Lorentz workshop of 2016, the collaboration with Oslo and Akerhus University on ISO and nanotechnology in 2010 and the closed stakeholder workshop in collaboration with TUDelft in 2008.

Relevant partners and networks

Apart from the European and global networks involved in the above, several academic and institutional collaborations deserve specific attention:

Filosofie Oost West

Dutch association for Comparative and Intercultural philosophy.

TUDelft: Department of Biotechnology

Collaboration with the department of Biotechnology, in specific its section of Biotechnology & Society. Landeweerd was copromotor of one of its PhD's, coordinated its European SynthEthics project (FP7), and managed with the department's contribution to the FP7 SynEnergie project (FP7).

Karlsruhe Institute of Technology: Institute for Technology Assessment and Systems Analysis (ITAS)

Involvement in several projects and project proposals with Christopher Coenen and Armin Grunwald (a.o. SynthEthics, SynEnergie, IANUS and iRECS).

Oslo and Akerhus University : Work Research Institute (AFI) - research group on RRI

Employed by and collaborating with this institute, several EU projects have been established. Currently employed there for 0.2fte on a temporal basis.

Hogeschool Zuyd, Faculty of Arts: iArts

Contributing to the iArts (interdisciplinary arts) curriculum as advisor on societal debates on science and technology. Invited to continue collaboration as project advisor in a more formal setting, for 0.2fte, in synergy with the research groups he is involved in at ISIS.

European Group on Ethics (EGE)

Collaboration on numerous occasions with its chairman Prof. Dr. Julian Kinderlerer (former head of the Sheffield Institute of Biotechnology Law and Ethics and of TUDelft's section of biotechnology and society. Currently also Professor at Cape Town University.

University of Bristol: Centre for Ethics in Medicine

Starting with position as guest researcher, still collaborating with its former chair (former PhD supervisor), specifically on issues related to the neurosciences and synthetic biology (a.o FP7-ENHANCE and FP7-NERRI).

Bergen University: Centre for the Study of the Sciences and the Humanities

Collaboration in number of European projects with its director Matthias Kaiser

Maastricht University: Health, Ethics and Society (HES)

Formerly employed there, collaborating with its research cluster on Health Law.

Public outreach

Landeweerd's expertise as philosopher in the area of science and society is both theoretical and practical. As such Landeweerd has been approached on a number of occasions for public events, lectures and media performances.

Highlights: the dinner debate for the European parliament on sustainable biofuels, the seminar with Wilhelm Huck and Lee Cronin on the concept of life, and the series of media events on social media.

public events	organisation / institute	role	location	year
Controle over onze leeftijd	Nemo/Kennisling	speaker	Amsterdam	2018
Nacht van de Filosofie	FOW/Radboud Reflects	Speaker/organiser	Nijmegen & Amsterdam	2018
Symposium on Animism	FOW/Radboud Reflects	Speaker/organiser	Nijmegen	2018
Emptiness & Infinite Space	FOW	moderator	Amsterdam	2017
Dutch Designweek, superhero science: children's debate	BioArt Laboratories	presenter/performer	Eindhoven	2017
Dutch Designweek opening	BioArt Laboratories/DDW	speaker	Eindhoven	2017
Your Brain in 2030	Dutch Future Society	speaker	Amsterdam	2017
Social Media and the Erosion of Privacy	Studium Generale Maastricht	speaker	Maastricht.	2016
Arts exhibition – 'Zu den Sachen Selbst' (on perception and empirical experience)	Kolonie Wedding / Kirsten Hutsch	speaker and contributor	Berlin	2016
Seminar on life with Cronin and Huck	Radboud Reflects / FNWI	moderator	Nijmegen	2016
BADAWARDS: arts and science meeting	NGI / Badawards	jury member	The Hague	2015
Public event human enhancement	Studium Generale Leiden	speaker	Leiden	2014
University event on human enhancement	Soeterbeeck	speaker	Nijmegen	2014
Public debate Rode Hoed on sustainable biofuels	User producer interactions (NWO)	organiser	Amsterdam	2008
Public debate Unie on sustainable biofuels	User producer interactions (NWO)	organiser	Rotterdam	2008
STOA dinner Debate on sustainable biofuel criteria for the European Parliament Brussels	User producer interactions (NWO)	organiser	Brussels	2008

Media events	year
US Heit: documentary for Omroep Fryslân and NPO1	2019
Interview on the power of facebook for Radio 1	2016
Interview on the power of facebook for NPO television	2016
Interview on Oscar Pistorius and human enhancement for Radio 1	2014
Debate on human enhancement in the context of the premiere of Almodovar's 'El Piel quie habito'	2012
Interview with 'Kijk'-magazine on games with bacteria	2011
Radio Debate on Oscar Pistorius for Radio 1	2011
Invitation by the Rietveld Academy of Fine Arts to organise a symposium on the abnormal body	2010
Interview on Human Enhancement for Radio 1	2009
Round table debate for 'Klimaat voor Ruimte' (Matrix debatten);	2009
Public debate: Perspectives on Biofuels: implementing sustainability criteria: public debate on sustainable biofuel criteria; Rotterdam (de Unie)	2008

Public debate: Perspectives on Biofuels: defining sustainability criteria: public debate on sustainable biofuel criteria; Amsterdam (de Rode Hoed)	2008
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public lectures	organisation / institute	role	location	year
patenting and biotech	Bioart Laboratories / Staten van Brabant	speaker	Den Bosch	2016
human enhancement	Bioart Laboratories / Staten van Brabant	speaker	Den Bosch	2015
Actuality lecture Radboud University (Radboud Reflect)	Radboud Reflect	speaker	Nijmegen	2016
InScience film festival (Radboud Reflect)	Radboud Reflect	speaker	Nijmegen	2015
Public conference Synenergene: Vienna	Synenergene / Biofaction film festival	speaker	Vienna	2014

Publications 1. Journal articles/papers:

Next to the publications below, Landeweerd is also involved in the editorial board for *Life Sciences, Society and Policy's* special issue series on continental philosophy of science.

1. Asin-Garcia, E., Kallergi, A., Landeweerd, L., & Martins dos Santos, V. A. P. (2020). Genetic Safeguards for Safety-by-design: So Close Yet So Far. *Trends in Biotechnology* 38(12), 1308-1312.
<https://doi.org/10.1016/j.tibtech.2020.04.005>
2. Vegter, M. W., Landeweerd, L., & Zwart, H. A. E. (2022). N = many me's: self-surveillance for Precision Public Health. *BioSocieties*, 17(1), 78-98. <https://doi.org/10.1057/s41292-020-00202-8>
3. Kallergi, A., Asin-Garcia, E., Martins dos Santos, V. A. P., & Landeweerd, L. (2021). Context matters: On the road to responsible biosafety technologies in synthetic biology. *Embo Reports* 22(1), [e51227].
<https://doi.org/10.15252/embr.202051227>
4. Shelley-Egan, C., Hanssen, A. B., Landeweerd, L., Hofmann, B. (2017). Responsible Research and Innovation in the context of human cognitive enhancement: some essential features. *Journal of Responsible Innovation*, 1-21.
5. Sonck, M., Asveld, L., Landeweerd, L. et al. Creative tensions: mutual responsiveness adapted to private sector research and development. *Life Sci Soc Policy* (2017) 13: 14.
6. Hofmann, B, Landeweerd, L, Haustein, D. (2016) Smart-glasses: Exposing and elucidating the ethical issues. *Science and Engineering Ethics*.
7. Zwart, H., Landeweerd, L., Lemmens, P. (2016). Continental philosophical perspectives on life sciences and emerging technologies. *Life sciences, society and policy* 12 (1), 1-4
8. Landeweerd, L. Peeters, T. (2016). Synthetic Biology: game changer in intellectual property. *Isegoriá : Revista de Filosofía Moral y Política*, 2016, 55, (2016), pp. 577-593
9. Sleenhoff, S., Landeweerd, L., P Osseweijer, P. (2015) Bio-basing society by including emotions. *Ecological Economics* 116, 78-83.
10. Landeweerd, L., Townend, D., Mesman, J., Hoyweghen, van, I. (2015). Reflections on different governance styles in regulating science: a contribution to 'Responsible Research and Innovation' *Life sciences, society and policy* 11 (1), 1-22.
11. Zwart, H., Landeweerd, L., Prooij, van, A. (2014) Adapt or perish? Assessing the recent shift in the European research funding arena from 'ELSA' to 'RRI'. *Life Sciences, Society and Policy* 2014, 10:11
12. Benagiano, P. Landeweerd, L. Brosens, I. (2013). "After Birth Abortion: a biomedical and conceptual nonsense". *Journal of Maternal-Fetal and Neonatal Medicine*
13. Landeweerd, L., Pierce, R., Kinderlerer, J. & Osseweijer, P. Bioenergy: a potential for developing countries? *CAB Reviews: 2012, 7, No. 027, 6pp*
14. Landeweerd, L. Michalopoulos, A, Werf, van der, Z. Puylaert, P. Osseweijer, P. (2011). "Contrasts and synergies in different biofuel reports." *Interface Focus*, Royal Society. P
15. Landeweerd, L. Driel, van, C. Surette, M. (2011). "From Petrochemistry to Biotech: Retro-feedstock for a Bio-based Economy." Introduction for special issue of *Interface Focus*, Royal Society. P.
16. Osseweijer, P., Landeweerd, L., Pierce, R. Genomics in Industry: issues of a bio-based economy. *Genomics, Society and Policy* 2010, Vol.6, No.2 pp.26-39.
17. Hilvoorde, I van, Landeweerd, L (2010). "Enhancing disabilities: Transhumanism under the veil of inclusion?" In: *Disability & Rehabilitation*. Jun. P
18. Landeweerd, L. Osseweijer, P. (2010). "Refusing Sustainable Redemptio.n" *Eursafe Newsletter* Vol. 12, No. 2.
19. Landeweerd, L. (2010). "The Common Good: a Neutral Yardstick?" In: *American Journal of Bioethics; Neurology*. March 2010. P
20. Hilvoorde, I., van, Landeweerd, L., (2010). "Oscar Pistorius: when Disability appears as Sport Talent." In: Gevers, I (ed.) *Difference on Display*. Naipu: Amsterdam. P
21. Landeweerd, L. (2010). "Morele afbakeningen voor embryoselectie." In: *Folia Pharmaceutica*; april 2010.
22. Hilvoorde, I., van, Landeweerd, L., (2009). "Sports, Disability & Classification: a Philosophers Debate?". In: L. van der Woude et al. (eds.), *Rehabilitation, Mobility, Exercise and Sports*. (pp. 388-390). Amsterdam: IOS Press. P

23. Landeweerd, L. (2009). "Prenatal Diagnosis and the Trouble with Eugenics." In: *Revista de derecho y genoma humano / Law and the human genome review* Issue 30. P
24. Landeweerd, L. Osseweijer, P., Kinderlerer, J. (2009). "Twice Down the Wrong Path, Technological and socio-cultural determinism." In: *Science and Engineering Ethics*. P
25. Landeweerd, L., Hilvoorde, I van (2008). "Disability or Extraordinary Talent-Francesco Lentini (Three Legs) Versus Oscar Pistorius (No Legs)." In: *Sport, Ethics and Philosophy*, Volume 2, Issue 2 August, pages 97 – 111. P
26. Landeweerd, L. (2004). "Principlism and the Problem of Deductive Ethics." In: *Global Bioethics*, issue 17. Brunetto Chiarelli (ed.). Florence: FUP. P
27. Landeweerd, L. (2004). "Normative-descriptive and the Naturalistic Fallacy." In: *Global Bioethics*, issue 17. Brunetto Chiarelli (ed.). Florence: FUP. P
28. Landeweerd, L. (2004). "Moral Theory and Bioethics." In: *Global Bioethics*, issue 17. Brunetto Chiarelli (ed.). Florence: FUP. P

Publications 2. Book publications (as author/editor) & editing of journal issues, reports and media:

A. Book publications:

1. Landeweerd, L. (2022). Ideas in Art and Science. In: *Towards a Science of Ideas: About the Emergence, Evolution and Expansion of Ideas and Their Translation into Action*. Rico Sneller and Seweryn Rudnicki (eds.). Vernon Press.
2. Landeweerd, L. (2022). *Time, Life & Memory. Bergson and Contemporary Science* (thesis); revised edition. Global Academic Press: Utrecht.
3. Landeweerd, L. (2021). *Time, Life & Memory. Bergson and Contemporary Science*. Springer: Berlin ().
4. Forsberg, E. Shelley-Egan, C. Landeweerd, L., Hofmann, B. (2017). *Evaluating Ethical Frameworks for the Assessment of Human Cognitive Enhancement Applications*. Springer: Berlin.
5. Landeweerd, L. (2011). Concept and assistance to editing of "Biorenewables". Special issue of *Interface Focus*, Royal Society.
6. Romeo Casabona, C., De Miguel Berian, I. Landeweerd, L. (ed. Spanish Version), Landeweerd, L., Houdebine, Louis. M. Meulen, ter, R. (ed. English Version) (2010). *Ética de la BioTecnología. Una introducción*. Comares Publishing company: Granada.
7. Landeweerd, L. (2009). *Reconstructing the Self: issues of Choice, Fate and Justification in the Eugenics Debate*. doctoral dissertation Maastricht: Datawyse.
8. Landeweerd, L. (2007). (eds.) Edition of revised edition *25 Eeuwen Westerse Filosofie: teksten, toelichtingen 8e herziene editie*. J. Bor (original edit.). Amsterdam: Boom.
9. Landeweerd, L. Houdebine, L. M. Meulen, ter, R (eds.) (2006) *BioT-ethics an introduction* (2nd edition) Pontecorboli; Florence.
10. Landeweerd, L. Houdebine, L. M. Meulen, ter, R. (eds.) (2005) *BioT-ethics an introduction*. Pontecorboli; Florence
11. Landeweerd, L. (2004) (ed.) *Global Bioethics*, issue 17. Brunetto Chiarelli (ed.). Florence: FUP.
12. Landeweerd, L. (2003) (editing of the completely revised edition of *25 Eeuwen Westerse Filosofie: teksten, toelichtingen 7e geheel herziene ed.* J. Bor (original ed.). Amsterdam: Boom.
1. Landeweerd, L. *Time-Life: The philosophy of Henri Bergson and the sciences*. Springer. Under construction
2. Landeweerd, L., Osseweijer, P. Pierce, R. (2012) *Grafting our biobased economies on African roots?*; In: Potthast, Thomas; Meisch, Simon (Eds.) *Climate change and sustainable development: Ethical perspectives on land use and food production*
3. Landeweerd, L. (2011) "What's well-being? - On the assumed indirect relationship between enhancement of mood or cognition and well-being". In: Ruud ter Meulen, Julian Savulescu, Guy Kahane (eds.) *Enhancing Human Capacities*. Wiley-Blackwell: London.
4. Landeweerd, L. (2010) "Duurzame Biobrandstof: een moreel problematisch vocabulaire". In: Marli Huijer & Martijntje Smits (eds.) *Moralicide: Nieuwe vocabulaires voor technologie*.
5. Landeweerd, L. Veen, van der, M. Osseweijer, P. (2010) "Searching Words for Sustainable Biofuels". In *Eursafe Conference Book 2010*.
6. Meulen, ter R., Witthoefft-Nielsen, L. and Landeweerd, L. (2007) "Ethical Issues of Enhancement Technologies" in: Gillon, R. *Principles of Healthcare Ethics*.
7. Landeweerd, L. (2006) *Problems of Principlism*. In: *Eursafe Conference Book 2006*. Wageningen University press.
8. Landeweerd, L. (2005) 'Principlism and the Problem of Deductive Ethics'. In: L. Landeweerd, L. M. Houdebine, R. ter Meulen (eds) *BioT-ethics an introduction*. Florence: Pontecorboli.
9. Landeweerd, L. (2005) 'Normative-descriptive and the Naturalistic Fallacy'. In: L. Landeweerd, L. M. Houdebine, R. ter Meulen (eds) *BioT-ethics an introduction*. Florence: Pontecorboli.
10. Landeweerd, L. (2005) 'Moral Theory and Bioethics'. In: L. Landeweerd, L. M. Houdebine, R. ter Meulen (eds) *BioT-ethics an introduction*. Florence: Pontecorboli.

B. Reports & communication papers

1. Landeweerd, L. *Synthetic biology and cultural representations* (2015). Report for the Synnergene project

2. Veen van der, M., Osseweijer, P., Landeweerd, L. (2011). *Neocolonial Tendencies in the Biofuels Debate*. Report for the CSG.
3. Landeweerd, L., Klop, T., Osseweijer, P. (2010). *Report on 'User-producer interaction in functional genomics innovations'*. For the NWO.
4. Pariotti, E., Piccini, M., Landeweerd, L. et al. (2010). *Relevant regulatory frameworks for synthetic biology*. Report for the European Commission.
5. Koepsell, D., Landeweerd, L., et al. (2010). *Ethical issues in synthetic biology: a literature analysis*. Report for the European Commission.
6. Michalopoulos, A, Osseweijer, P. Landeweerd, L. (2008). Roundtable on Sustainable Biofuels (RSB) *Global Principles and criteria for sustainable biofuels production; Version Zero*. Report for STOA and the European Parliament.
7. Landeweerd, L., Cath, A., Klop, T., Ebbinge, J. W. (2008). *Perspectives on Biofuels; sustainability criteria and their operationalisation*. Communication paper for STOA and for working group on sustainable biofuels on two public debates.

C. Popular media (newspaper articles etc.):

1. Landeweerd, L., Klamer, A. (2018). Schaf de witte filosoof niet af, maar zoek een dialoog in diversiteit ... Trouw, 9 januari 2018.
2. Landeweerd, L. (2016) Facebook is geen gewoon bedrijf, het is een politiek instrument – NRC handelsblad
3. Landeweerd, L. (2012) Wat is dat, de betere mens? Waarom biologisch ingrijpen niet gratis kan. De Standaard, dinsdag 31 juli 2012.
4. Landeweerd, L. (2011). Interview with *Kijk*, on 'Living games - spelen met bacteriën'.
5. Landeweerd, L. (2010). U wilt uw kind op bestelling? Pech, een kind heeft rechten. *NRC-next*, 10 november 2010.
6. Landeweerd, L. (2008). "Zeg nee tegen het Godsargument". Polemieken met Cees Dekkers over 'Sleutelen aan de Mens'. *NRC Handelsblad*, 4 november 2008.
7. Landeweerd, L. (2006). "Mijn naam is eerste viool", analyse rond verkiezingen. *NRC-next*, 1 december 2006.

D. Other

1. Landeweerd, L. (2016). *The Hidden Life of Things*. Essay, also exhibited as an artistic object, for the exposition 'Zu den Sachen Selbst' at project space Rosalux (Wedding-Berlin)

External memberships and managerial roles:

Present

- Member of the programme board of 'Stichting Filosofie Oost-West'
- Secretary & board member for the arts foundation 'Stichting Sjeff Hutsch'
- Member of Eursafe
- Member advisory board Bioart Laboratories Eindhoven

Past

- Chair of the programme board of 'Stichting Filosofie Oost-West'
- Member of the management board of 'Stichting Filosofie Oost-West'
- Member of the Amsterdam circle on 'mad studies' (philosophy and psychiatry)
- Board member of Bioart Laboratories Eindhoven
- Organiser of bi-annual Strooker reading club (multi-disciplinary group focusing on science, philosophy and the concept of time)
- Affiliated member of Parrhesia (democratic and transparent governance of science in society)
- Honorary member of the Sheffield Institute of Biotechnology Law and Ethics (SIBLE)
- Honorary member of Bristol University's Centre for Ethics in Medicine
- Board member and treasurer of the Vereniging voor Filosofie en Geneeskunde