

Publications

Jeroen van Dongen

Monograph:

- *Einstein's Unification*. Cambridge: Cambridge University Press, 2010.

Edited work:

- As Editor (with Chaokang Tai and Bart van der Steen), *Anton Pannekoek: Ways of Viewing Science and Society*, Amsterdam: Amsterdam University Press, 2019.
- As Editor (with Herman Paul), *Epistemic Virtues in the Sciences and Humanities*, Cham: Springer, 2017 (Boston Studies in the Philosophy and History of Science, Vol. 321).
- As Editor, *Cold War Science and the Transatlantic Circulation of Knowledge*, Leiden and Boston: Brill, 2015.
- As Associate Editor; with Diana Kormos Buchwald, József Illy, Ze'ev Rosenkranz, Tilman Sauer (eds.); Daniel J. Kennefick, A.J. Kox, Dennis Lehmkuhl, Osik Moses and Issachar Unna (assoc. eds.); Rudy Hirschmann, Jennifer Nollar James and Emily de Araujo (ed. assists.). *The Collected Papers of Albert Einstein, Volume 13: The Berlin Years. Writings and Correspondence January 1922 – March 1923*. Princeton: Princeton University Press, 2012.
- As Editor; with Maria Barnas. Het Zwarte Gat. Special issue of: *De Gids* 173 (2010), 877-1020.
- As Editor; with Dennis Dieks, A.J. Kox, and Jos Uffink (eds.). On the history of the quantum. The HQ2 Special Issue. *Studies in History and Philosophy of Modern Physics* 40 (2009) 277-406.
- As Associate Editor; with Diana Kormos Buchwald, Ze'ev Rosenkranz, Tilman Sauer, József Illy, Virginia I. Holmes (eds.); Daniel J. Kennefick, A.J. Kox and Osik Moses (assoc. eds.); Rudy Hirschmann, Jennifer Nollar and Carol Chaplin (ed. assists.). *The Collected Papers of Albert Einstein, Volume 12: The Berlin Years. Correspondence 1921*. Princeton: Princeton University Press, 2009.
- As Associate Editor; with Diana Kormos Buchwald, Tilman Sauer, Ze'ev Rosenkranz, József Illy, Virginia I. Holmes (eds.); Daniel J. Kennefick and A.J. Kox (assoc. eds.); Rudy Hirschmann, Osik Moses and Jennifer Nollar (ed. assists.). *The Collected Papers of Albert Einstein, Volume 10: The Berlin Years. Correspondence May-December 1920 and Supplementary Correspondence 1909-1920*. Princeton: Princeton University Press, 2006.

Academic Articles:

- In Europe, *Physics in Perspective*, 22 (2020), 3-25 (Elisabeth Paris Lecture 2019, History of Science Society).
- Conceptual Analysis of Black Hole Entropy in String Theory, *Studies in History and Philosophy of Science*, Part B: *Studies in History and Philosophy of Physics*, 69 (2020), 82-111 (with S. de Haro, M. Visser and J. Butterfield).
- Emergence and Correspondence for String Theory Black Holes, *Studies in History and Philosophy of Science*, Part B: *Studies in History and Philosophy of Physics*, 69 (2020), 112-127 (with S. de Haro, M. Visser and J. Butterfield).
- The Flow of Cognitive Goods: A Historiographical Framework for the Study of Epistemic Transfer, *Isis*, 110 (2019), 483-496 (with R. Bod, S. ten Hagen, B. Karstens and E. Mojet).
- Anton Pannekoek: Ways of Viewing Science and Society, pp. 9-23 in: C. Tai, B. van der Steen and J. van Dongen (eds.), *Anton Pannekoek: Ways of Viewing Science and Society*, Amsterdam: Amsterdam University Press, 2019.
- *De ideale wetenschapper, het wetenschappelijk onderwijs, en hun geschiedenis*. Amsterdam: Amsterdam University Press (UvA Oratiereeks), 2017.
- The Epistemic Virtues of the Virtuous Theorist: on Albert Einstein and his Autobiography, pp. 63-77 in J. van Dongen and H. Paul (eds.), *Epistemic Virtues in the Sciences and Humanities*, Cham: Springer, 2017 (Boston Studies in the Philosophy and History of Science, Vol. 321).
- Introduction: Epistemic Virtues in the Sciences and the Humanities, pp. 1-10 in J. van Dongen and H. Paul (eds.), *Epistemic Virtues in the Sciences and Humanities*, Cham: Springer, 2017 (Boston Studies in the Philosophy and History of Science, Vol. 321; with H. Paul).
- How Dark Matter Came to Matter, *Nature Astronomy* 1 (2017) 0059 (with J. de Swart and G. Bertone).
- Personae and the Practice of Science: Anton Pannekoek's Epistemic Virtues in Astronomy and Socialism, *BMGN Low Countries Historical Review*, 131 (2016), 55-70 (with C. Tai).
- Heisenbergsche Unschärferelationen kommunizieren: Niels Bohr, Komplementarität und die Einstein-Rupp-Experimente, *Acta Historica Leopoldina*, 65 (2016), 83-107.
- Emergence in holographic scenarios for gravity, *Studies in History and Philosophy of Science*, Part B: *Studies in History and Philosophy of Modern Physics*, 52 (2015), 203-216 (with D. Dieks and S. de Haro).
- Quid pro Quo: Dutch Defense Research and the Early Cold War, pp. 101-121 in Jeroen van Dongen (ed.), *Cold War Science and the Transatlantic Circulation of Knowledge*, Leiden and Boston: Brill, 2015 (with F. Hoeneveld).

- Introduction: Cold War Science and the Transatlantic Circulation of Knowledge, pp. 1-7 in Jeroen van Dongen (ed.), *Cold War Science and the Transatlantic Circulation of Knowledge*, Leiden and Boston: Brill, 2015 (with F. Hoeneveld and A. Streefland).
- Albert Einstein and the History and Philosophy of Science, *Isis* 106 (2015), 684-689.
- Communicating the Heisenberg uncertainty relations: Niels Bohr, complementarity and the Einstein-Rupp experiments, pp. 310-343 in F. Aaserud and H. Kragh (eds.), '100 years of the Bohr atom', *Scientia Danica. Series M, Mathematica et physica*, 1. Copenhagen: Royal Danish Academy of Sciences and Letters, 2015.
- The Historical Contingency of Rationality: The Social Sciences and the Cold War, *Metascience*, 24 (2015), 71-76.
- The reception of relativity in the Netherlands, pp. 89-110 in A. Maas and H. Schatz (eds.) *Physics as a calling, science for society. Studies in honour of A.J. Kox*. Leiden: Leiden University Press, 2013 (with J. van Besouw).
- Out of a clear blue sky? FOM, the bomb and the boost in Dutch physics funding after World War II, *Centaurus*, 55 (2013) 264-293 (with F. Hoeneveld).
- Mistaken Identity and Mirror Images: Albert and Carl Einstein, Leiden and Berlin, Relativity and Revolution. *Physics in Perspective* 14 (2012) 126-177.
- On Einstein's opponents, and other crackpots. *Studies in History and Philosophy of Science, Part B: Studies in History and Philosophy of Modern Physics* 41 (2010) 78-80.
- On the history of the quantum: Introduction to the HQ2 special issue. *Studies in History and Philosophy of Science, Part B: Studies in History and Philosophy of Modern Physics* 40 (2009) 277-279 (with Dennis Dieks, Jos Uffink and A.J. Kox).
- On the role of the Michelson-Morley experiment: Einstein in Chicago. *Archive for History of Exact Sciences* 63 (2009) 655-663.
- The interpretation of the Einstein-Rupp experiments and their influence on the history of quantum mechanics. *Historical Studies in the Physical and Biological Sciences* 37 Supplement (2007) 121-131.
- Emil Rupp, Albert Einstein and the canal ray experiments on wave-particle duality: Scientific fraud and theoretical bias. *Historical Studies in the Physical and Biological Sciences* 37 Supplement (2007) 73-120.
- Fame, philosophy and physics. *Science* 317 (2007) 752-753.
- Reactionaries and Einstein's Fame: "German Scientists for the Preservation of Pure Science," Relativity and the Bad Nauheim meeting. *Physics in Perspective* 9 (2007) 212-230.
- On black hole complementarity. *Studies in History and Philosophy of Science, Part B: Studies in History and Philosophy of Modern Physics* 35 (2004) 509-525 (with S. de Haro).
- Einstein's Methodology, Semivectors and the Unification of Electrons and Protons. *Archive for History of Exact Sciences* 58 (2004) 219-254.
- Einstein and the Kaluza-Klein particle. *Studies in History and Philosophy of Science, Part B: Studies in History and Philosophy of Modern Physics* 33 (2002) 185-210.

Popular articles (selection):

- What dr. Einstein?, pp. 136-139 in D. Holmes and S. Kivland (eds.), *The Graveside Orations of Carl Einstein*, London: Ma Bibliothèque, 2019.
- Door de ogen van Anton Pannekoek, pp. 12-16 in S. van der Veen (ed.), *Out of the box. Acht verhalen over onderzoek en erfgoed*. Amsterdam: Bijzondere Collecties, Universiteit van Amsterdam, 2016 (with C. Tai).
- Globaliserende kennis en het Nederlands perspectief. *De Gids* 174 (2011), 793-795.
- Zwarte gaten werden geboren. *De Gids* 173 (2010), 940-954.
- Het zwarte gat en de falende mens. *De Gids* 173 (2010), 877-881 (with M. Barnas).
- Martijn van Calmthout en Jelle Reumer (eds.), *Geachte Darwin. Brieven aan de grondlegger van de evolutietheorie* (Amsterdam: Athenaeum, Polak & Van Genneep, 2009).
- Over lichtemissie: Albert Einstein en de vroege geschiedenis van de Nederlandse Natuurkundige Vereniging. *Nederlands Tijdschrift voor Natuurkunde* 74 (2008) 138-141 (with A. Tauschinsky).
- Albert Einstein. Man van ruimte en tijd. pp. 128-131 in Robbert Dijkgraaf et al., *De bètacanon* (Amsterdam: Meulenhoff, 2008).
- Einstein en Nederland. De rol van de omstreden Nobelprijswinnaar Peter Debye verdient meer. *De Academische Boekengids* 57 (2006) 9-12.
- Einsteins *Werdegang* en zijn Amsterdamse publicaties. *Nederlands Tijdschrift voor Natuurkunde* 69 (2003) 324-328.