

Hasok Chang

Hans Rausing Professor of History and Philosophy of Science

Research interests: history and philosophy of chemistry and physics from the 18th century onward; philosophy of scientific practice; other topics in the philosophy of science, including measurement, realism, evidence, pluralism and pragmatism.

Professional service and academic networks

- President, British Society for the History of Science (2012–14)
- Co-founder, [Society for Philosophy of Science in Practice](#)
- Associate Editor, [British Journal for the History of Science](#)
- [AD HOC \(Association for the Discussion of the History of Chemistry\)](#)
- Founding member, [Committee for Integrated History and Philosophy of Science](#)
- UK Integrated HPS Workshops ([programme of the 5th meeting, Exeter, 2010](#); [programme and summary of the 6th meeting, Cambridge, 2011](#))

Selected recent publications

- *Is Water H₂O? Evidence, Pluralism and Realism*, Boston Studies in the Philosophy of Science. Dordrecht: Springer, 2012.
- *Inventing Temperature: Measurement and Scientific Progress*. Oxford Studies in the Philosophy of Science. New York: Oxford University Press, 2004.
- Editor, with Catherine Jackson, *An Element of Controversy: the Life of Chlorine in Science, Medicine, Technology and War*, BSHS Monographs, No. 13. British Society for the History of Science, 2007. A collection of studies by undergraduate students at University College London.
- 'Phlogiston Revisited: How Philosophical Failure Can Generate Historiographical Refinement', *HYLE* (forthcoming).
- With Grant Fisher, 'What the Ravens Really Teach Us: The Intrinsic Contextuality of Evidence', in Philip Dawid, ed., *Evidence, Inference and Enquiry* (London: British Academy, forthcoming).
- 'We Have Never Been Whiggish (About Phlogiston)', *Centaurus* 51 (2009), 239–264.
- 'Ontological Principles and the Intelligibility of Epistemic Activities', in Henk de Regt, Sabina Leonelli, and Kai Eigner, eds., *Scientific Understanding: Philosophical Perspectives* (Pittsburgh: University of Pittsburgh Press, 2009), 64–82.
- '[Operationalism](#)', *Stanford Encyclopedia of Philosophy* (online, published in July 2009).
- 'Contingent Transcendental Arguments for Metaphysical Principles', in Michela Massimi, ed., *Kant and Philosophy of Science Today*, Royal Institute of Philosophy Supplement 63 (Cambridge: Cambridge University Press, 2008), 113–133.

- 'Scientific Progress: Beyond Foundationalism and Coherentism', in Anthony O'Hear, ed., *Philosophy of Science*, Royal Institute of Philosophy Supplement 61 (Cambridge: Cambridge University Press, 2007), 1–20.
- ['The Myth of the Boiling Point'](#) (online hypertext paper with video links), first posted on 18 October 2007. Not peer-reviewed.