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Mini-bio: Roman Frigg is the winner of the Friedrich Wilhelm Bessel Research Award of the Alexander von Humboldt Foundation. Roman holds a PhD in Philosophy from the University of London and masters degrees both in theoretical physics and philosophy from the University of Basel, Switzerland. His research interests lie in general philosophy of science and philosophy of physics, and he has published papers on climate change, quantum mechanics, statistical mechanics, randomness, chaos, complexity, probability, scientific realism, computer simulations, modelling, scientific representation, reductionism, confirmation, and the relation between art and science. His current work focuses on predictability and climate change, the foundation of statistical mechanics, and the nature of scientific models and theories.

Selected Publications:

- **Modelling Nature. An Opinionated Introduction to Scientific Representation.** New York: Springer 2020, with James Nguyen. Forthcoming.
- **Making Confident Decisions with Model Ensembles**, forthcoming in *Philosophy of Science*, with Joe Roussos and Richard Bradley.
- **Of Rabbits and Models**, forthcoming in Bradley Armour-Garb and Fred Kroon (eds): *Fictionalism in Philosophy*, New York: Oxford University Press, with Fiora Salis.
- **Models and Denotation**, forthcoming in Falguera José L. and Martínez-Vidal, Concha (eds.): *Abstract Objects: For and Against*, Synthese Library, Cham: Springer, with Fiora Salis and James Nguyen
- **The Turn of the Valve: Representing with Material Models**, *European Journal for Philosophy of Science*, 8(2), 2018, 205-224, with James Nguyen. (The paper is also available [here](#).)
- **Expert Judgment for Climate Change Adaptation**, *Philosophy of Science* 83(5), 2016, 1110-1121, with Erica Thompson and Casey Helgeson.
- **An Assessment of the Foundational Assumptions in High-Resolution Climate Projections: The Case of UKCP09**, *Synthese* 192(12), 2015, 3979–4008, with David A. Stainforth and Leonard A. Smith.
- **Model Error and Ensemble Forecasting: A Cautionary Tale**, in Guichun C. Guo and Chuang Liu (eds.) *Scientific Explanation and Methodology of Science*, Singapore: World Scientific 2014, 58-66, with Seamus Bradley, Hailiang Du and Leonard A. Smith.
- **Probabilistic Forecasting: Why Model Imperfection Is a Poison Pill**, in Hanne Anderson, Dennis Dieks, Gregory Wheeler, Wenceslao Gonzalez and Thomas Uebel (eds): *New Challenges to Philosophy of Science*. Berlin and New York: Springer 2013, 479-491, with Seamus Bradley, Reason L. Machete and Leonard A. Smith.