

Preface

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Since its inception in June 2006 the series of conferences known as “Models and Simulations” have brought together philosophers of science and scientists to discuss the many conceptual and methodological issues that arise in connection with the construction, evaluation, and use of models and simulations. We are grateful for the opportunity to continue this illustrious tradition with a selection of papers from the “Models and Simulations 4” conference.¹ This conference was held at the University of Toronto in May 2010. The conference was made possible by the support of the Situating Sciences Knowledge Cluster (funded by the Social Sciences and Humanities Research Council of Canada), and the conference hosts at the University of Toronto: IHPST, Philosophy Department and Victoria College. We would like to extend our thanks to the conference organizers, Anjan Chakravartty and Margaret Morrison. They were ably assisted by the conference program committee.

The eight articles published in this special issue reflect the excellent scholarship and wide range of topics discussed at Models and Simulations 4. The editors solicited submissions from all conference participants. Each of the 23 submissions was evaluated by two referees after each submission was formatted for anonymous review. (All refereeing and editorial decisions for Vorms’ paper were coordinated by Pincock.) We

¹ See *Synthese* 169 (3) (2009), *Synthese* 180 (1) (2011) and P. Humphreys and C. Imbert (eds.), *Representation, Models and Simulations*, London: Routledge, 2011 for volumes that arose from the previous three conferences.

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