MODELS AND SIMULATIONS 7. PROGRAM.

Barcelona, May 18-20, 2016. Faculty of Philosophy, Universitat de Barcelona. c/ Montalegre 6, 4th floor. (www.ub.edu/ms7)

Wednesday 18	Room 1. Sala Gran	Room 2. Seminari de Filosofia	Room 3. Aula 402
9,15-9,30	**Welcome**		
9.30-11.00	Roman Frigg. *The Turn of the Valve: How Models Represent.*		
11,00-11,30	**Break**	**Break**	**Break**
11,30-12,15	Insa Lawler. *(How) Do models provide understanding-why?*	Koray Karaca. *Modeling Data Acquisition at the Large Hadron Collider: Against the Hierarchy of Models in High Energy Physics*	
12,15-13,00	Philippe Verreault-Julien. *A case for non-causal understanding with models*	Deniz Ceylan and Aziz F. Zambak. *Knowledge Representation in Biological Computational Models: A Category Theoretic Approach to Models and Simulations in Biological Systems.*	
13,00-15,00	**Lunch**	**Lunch**	**Lunch**
15,00-15,45	Jaakko Kuorikoski and Aki Lehtinen. *DSGE and Ad Hocness.*	Pierre-Luc Germain. *Concrete biological models: beyond a dyadic and surrogative view of modeling.*	Melissa Vergara-Fernández. *More Models.*
15,45-16,30	Roland Poellinger and Cameron Beebe. *Bayesian Confirmation by Analogy.*	Eva Boon. *Darwinizing culture: what models of biological evolution are appropriate for analyzing cultural data?*	Carlos Santana. *On Human Simulation.*
16,30-17,00	**Break**	**Break**	**Break**
17,00-17,45	Paul Teller. *Modeling and realism, scientific and perceptual.*	Juergen Landes, Barbara Osimani and Roland Poellinger. *Modeling and simulating epistemic dynamics in pharmaceutical harm assessment.*	Karen Yan. *Understanding the Explanatory Power of Dynamical Models in Systems Science.*
17,45-18,30	Nicolas Wüthrich. *The puzzle of the persistence of non-robust toy models.*	Annamaria Carusi. *Models as equivalence makers: the example of Computational Biomedicine.*	Benjamin Conover. *Testing Philosophical Theories: Causal Intransitivity.*

Thursday 19	Room 1. Sala Gran	Room 2. Seminari de Filosofia	Room 3. Aula 402
9.30-11.00	Sabina Leonelli. *What Distinguishes Data from Models?*		
11,00-11,30	**Break**	**Break**	**Break**
11,30-12,15	Anna-Mari Rusanen. *Explanatory Mechanistic Models and Pragmatic Relevance Experiments.*	Anouk Barberousse and Julie Jebeile. *Climate models: still uncertain, yet improved.*	
12,15-13,00	Dingmar van Eck. *The functions of idealization in mechanistic models.*	Ioan Muntean. *Fictions, the future, and maps in forecast models.*	
13,00-15,00	**Lunch**	**Lunch**	**Lunch**
15,00-15,45	Peter Tan. *Inconsistent Idealizations and the Structure of Scientific Theories.*	Sorin Bangu. *Anderson's Constructionism: the case of the BCS superconductivity model.*	Frank Faries. *Mental Representations as Idealizations in Cognitive Modeling.*
15,45-16,30	Alejandro Cassini. *De-Idealized Models.*	Samuli Poyhonen. *Topological explanations in the social sciences.*	Stephen Rainey. *Toward a narrative account of brain modelling.*
16,30-17,00	**Break**	**Break**	**Break**
17,00-17,45	Sebastian Cacean. *Justifying Serious Possibilities with Unrealistic Models.*	Aki Lehtinen and Caterina Marchionni. *The Epistemic Benefits of Generalization in Economic Modelling*	Patrick Allo. *A Data-Structure Metaphor for Visualisation.*
17,45-18,30	Alkistis Elliott-Graves. *The Danger of Overgeneralization in Ecological Modeling.*	Simon Carrignon, Alessandro Mosca, Bernardo Rondelli and José Remesal. *Computer modelling and simulation as heuristic tool to understand the past: the case of the EPNEt project.*	
20,30	**Conference dinner**		

Friday 20	Room 1. Sala Gran	Room 2. Seminari de Filosofia	Room 3. Aula 402
9,30-10.10	Matthieu Gallais. *Fictional Models and Target Systems: Unauthorized Games of Make-Believe and Similarities Between Properties.*	Iñaki San Pedro and Andoni Ibarra. *Performative Representing with Computer Simulations*	
10,15-11,00	Fiora Salis. *Fictionalism about theoretical models and scientific representation.*	François Pellet. *An Ontological Approach to Simulations and Computer Simulations*	
11,00-11,30	**Break**	**Break**	
11,30-12,15	James Nguyen. *Scientific Representation is Representation As.*	Paul Humphreys. *Topic Models as an Example of Computer Modeling in the Humanities.*	
12,15-13,00	Julia Sanchez-Dorado. *Judgments of Similarity in Modeling Practices.*	Ismo Koponen and Maija Nousiainen. *Computational modelling in educational research: Do we need such an approach?*	
13,00-15,00	**Lunch**	**Lunch**	
15,00-15,45	Matti Heinonen. *Modeling Purposive Agency: a Neo-Gricean Approach.*	Carlo Martini and Manuela Fernández Pinto. *Modeling the Social Organization of Science: Chasing Complexity through Simulations*	
15,45-16,30	Christian Dieckhoff. *Epistemic Meta-Analysis – A conceptual proposal for the analysis and the comparison of scenarios.*	Sarita Rosenstock, Cailin O'Connor and Justin Bruner. *In Epistemic Networks, Is Less Connectivity Really More?*	
16,30-17,00	**Break**		
17,00-18,30	Anjan Chakravartty. *Realist Interpretations of the Standard Model.*		
18,30	**Closure**		