

MODELS AND SIMULATIONS 7

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		
	Chair: Jose Díez		
9,30-11,00	Roman Frigg. <i>The Turn of the Valve: How Models Represent.</i>		
11,00-11,30	BREAK	BREAK	BREAK
	Chair: Anjan Chakravartty	Chair: Iñaki San Pedro	
11,30-12,15	Insa Lawler. <i>(How) Do models provide understanding-why?</i>	Koray Karaca. <i>Modeling Data Acquisition at the Large Hadron Collider: Against the Hierarchy of Models in High Energy Physics.</i>	
12,15-13,00	Philippe Verreault-Julien. <i>A case for non-causal understanding with models.</i>	Deniz Ceylan and Aziz F. Zambak. <i>Knowledge Representation in Biological Computational Models: A Category Theoretic Approach to Models and Simulations in Biological Systems.</i>	
13,00-15,00	LUNCH	LUNCH	LUNCH
	Chair: Jesús Zamora-Bonilla	Chair: Aida Roige	Chair: Johannes Findl
15,00-15,45	Jaakko Kuorikoski and Aki Lehtinen. <i>DSGE and Ad Hocness.</i>	Pierre-Luc Germain. <i>Concrete biological models: beyond a dyadic and surrogative view of modeling.</i>	Melissa Vergara-Fernández. <i>More Models.</i>
15,45-16,30	Roland Poellinger and Cameron Beebe. <i>Bayesian Confirmation by Analogy.</i>	Eva Boon. <i>Darwinizing culture: what models of biological evolution are appropriate for analyzing cultural data?</i>	
16,30-17,00	BREAK	BREAK	BREAK
	Chair: Carl Hofer	Chair: Romina Zuppone	Chair: Pilar Terres
17,00-17,45	Paul Teller. <i>Modeling and realism, scientific and perceptual.</i>	Juergen Landes, Barbara Osimani and Roland Poellinger. <i>Modeling and simulating epistemic dynamics in pharmaceutical harm assessment.</i>	Karen Yan. <i>Understanding the Explanatory Power of Dynamical Models in Systems Science.</i>
17,45-18,30	Nicolas Wüthrich. <i>The puzzle of the persistence of non-robust toy models.</i>	Annamaria Carusi. <i>Models as equivalence makers: the example of Computational Biomedicine.</i>	Patrick Allo. <i>A Data-Structure Metaphor for Visualisation.</i>

THURSDAY 19

	ROOM 1. SALA GRAN	ROOM 2. SEMINARI DE FILOSOFIA	ROOM 3. AULA 402
	Chair: David Teira		
9,30-11,00	Sabina Leonelli. <i>What Distinguishes Data from Models.</i>		
11,00-11,30	BREAK	BREAK	BREAK
	Chair: Albert Solé	Chair: Fiora Salis	
11,30-12,15	Anna-Mari Rusanen. <i>Explanatory Mechanistic Models and Pragmatic Relevance Experiments.</i>	Anouk Barberousse and Julie Jebeile. <i>Climate models: still uncertain, yet improved.</i>	
12,15-13,00	Sebastian Cacean. <i>Justifying Serious Possibilities with Unrealistic Models.</i>	Ioan Muntean. <i>Fictions, the future, and maps in forecast models.</i>	
13,00-15,00	LUNCH	LUNCH	LUNCH
	Chair: Roman Frigg	Chair: Aida Roige	
15,00-15,45	Peter Tan. <i>Inconsistent Idealizations and the Structure of Scientific Theories.</i>	Sorin Bangu. <i>Anderson's Constructionism: the case of the BCS superconductivity model.</i>	
15,45-16,30	Alejandro Cassini. <i>De-Idealized Models.</i>	Samuli Poyhonen. <i>Topological explanations in the social sciences.</i>	
16,30-17,00	BREAK	BREAK	BREAK
	Chair: Roger Deulofeu	Chair: Jesus Zamora-Bonilla	
17,00-17,45	Frank Faries. <i>Mental Representations as Idealizations in Cognitive Modeling.</i>	Aki Lehtinen and Caterina Marchionni. <i>The Epistemic Benefits of Generalization in Economic Modelling.</i>	
17,45-18,30	Alkistis Elliott-Graves. <i>The Danger of Overgeneralization in Ecological Modeling.</i>	Simon Carrignon, Alessandro Mosca, Bernardo Rondelli and José Remesal. <i>Computer modelling and simulation as heuristic tool to understand the past: the case of the EPNEt project.</i>	
20,30	Conference dinner. Restaurant QU QU (Passeig de Gràcia, 24)		

FRIDAY 20

	ROOM 1. SALA GRAN	ROOM 2. SEMINARI DE FILOSOFIA	ROOM 3. AULA 402
	Chair: Romina Zuppone	Chair: Manolo Martinez	
9,30-10,10	Mathieu Gallais. <i>Fictional Models and Target Systems: Unauthorized Games of Make-Believe and Similarities Between Properties.</i>	Iñaki San Pedro and Andoni Ibarra. <i>Performative Representing with Computer Simulations.</i>	
10,15-11,00	Fiora Salis. <i>Fictionalism about theoretical models and scientific representation.</i>	François Pellet. <i>An Ontological Approach to Simulations and Computer Simulations.</i>	
11,00-11,30	BREAK	BREAK	BREAK
	Chair: Jose Díez	Chair: Johannes Findl	
11,30-12,15	Paul Humphreys. <i>Topic Models as an Example of Computer Modeling in the Humanities.</i>	James Nguyen. <i>Scientific Representation is Representation As.</i>	
12,15-13,00	Ismo Koponen and Maija Nousiainen. <i>Computational modelling in educational research: Do we need such an approach?</i>	Julia Sanchez-Dorado. <i>Judgments of Similarity in Modeling Practices.</i>	
13,00-15,00	LUNCH	LUNCH	LUNCH
	Chair: Abel Martínez	Chair: David Teira	
15,00-15,45	Matti Heinonen. <i>Modeling Purposive Agency: a Neo-Gricean Approach.</i>	Carlo Martini and Manuela Fernández Pinto. <i>Modeling the Social Organization of Science: Chasing Complexity through Simulations.</i>	
15,45-16,30	Christian Dieckhoff. <i>Epistemic Meta-Analysis – A conceptual proposal for the analysis and the comparison of scenarios.</i>	Sarita Rosenstock, Cailin O'Connor and Justin Bruner. <i>In Epistemic Networks, Is Less Connectivity Really More?</i>	
16,30-17,00	BREAK	BREAK	BREAK
	Chair: Carl Hoefer		
17,00-18,30	Anjan Chakravartty. <i>Realist Interpretations of the Standard Model.</i>		
18,30	Closure		

