



Program for the Joint Conference of
The Scientific Understanding and Representation Workshop
 and 
The Philosophy of Social Science Roundtable
March 12-15, 2020

Thursday, March 12

	SURe All sessions in 420 South Calloway	POSS-RT
	Scientific Inference (Chair: Kareem Khalifa)	
9:00-9:45	Mark Risjord (Emory) “Modeling Practice: Surrogative Inference and Scientific Reasoning”	No Conference
9:45-10:30	Otavio Bueno (Miami) “What Kind of Understanding does Inferential Representation Provide?”	
10:45-11:30	Jaako Kuorikoski (Helsinki), “Scientific Progress and Understanding as Inferential Ability”	
11:30-12:15	<i>Discussion</i> Elay Shech (Auburn) Mike Tamir (Berkeley)	
12:15-1:30	Lunch available	
	Modality and Modeling (Chair: Mark Risjord)	
1:30-2:15	Armond Duwell (Montana), “Understanding, Explanation, and Unification: The Modal View”	
2:15-3:00	Myron A. Penner (Trinity Western) and Amanda Nichols (Oklahoma Christian), “Representation, Understanding, and Realism about Molecular Structures”	
3:15-4:00	Soazig Le Bihan (Montana), “Understanding Ecological Theory: The Modal View”	
4:00-4:45	Philippe Verreault-Julien (LSE), “Representing and Understanding (Im)Possible Targets?”	
5:15-6:45	Keynote: Angela Potochnik (Cincinnati), “How Misrepresentation Augments Understanding”	

Friday, March 13

	SURe All sessions in 319 South Callaway	POSS-RT All sessions in 420 South Callaway
	Understanding and Progress (Chair: Daniel Kostic)	Data and Design (Chair: Stephen Turner)
9:00-9:45	Casey McCoy (Stockholm), "Understanding Scientific Progress"	Andrew Buskell (Cambridge), "Big Gods and Big Data: Philosophy of Social Science in the Database Era"
9:45-10:30	Sorin Bangu (Bergen), "The 'Intelligibility of Nature' and the Second Quantization"	Cristian Larroulet Philippi (Cambridge), "Valid for What? On the Very Idea of Unconditional Validity"
10:45-11:30	Finnur Dellsén (Iceland), "Understanding Progress while Learning from History"	Philippe van Basshuysen (LSE), "What is Economic Design and Why Should Philosophers of Science Care?"
11:30-12:45	Lunch available in 420 South Callaway	
	Understanding and Progress, Continued (Chair: Daniel Kostic)	Social Ontology (Chair: Deborah Tollefsen)
12:45-1:30	Catherine Elgin (Harvard), "Leveraging Understanding"	Nadia Ruiz (Kansas), "Social Ontology and Model-Building: A Response to Epstein"
1:30-2:15	Insa Lawler (UNC-Greensboro), "Progress, Understanding, and Gradability"	Richard Lauer (St. Lawrence), "Naturalized Economic Ontology and the Interpretation of Infinite Idealizations in Econophysics"
2:15-3:00	SURe Executive Committee Meeting	Shaun Stanley (Bristol), "Cultural Evolutionary Theory and the Biology- Culture Analogy"
	Biomedical Representation (Chair: Elay Shech)	Narratives (Chair: Paul Roth)
3:15-4:00	Martin Zach (Charles), "Representing Cancer in Humans: Reviving the Similarity Account of Scientific Representation"	Mariana Imaz (Santa Cruz), "Principles of Narrative Reason"
4:00-4:45	Lindley Darden, Kunal Kundu, Lipika R. Pal, Isaac Bronson, and John Moulton (Maryland), "Representing Disease Mechanisms."	Kotaro Namura (Kyoto), "Narrative Explanation as a Pragmatically Distinctive Kind of Explanation"
5:15-6:45	Keynote: Robert Sugden (East Anglia) "How inductive inferences can be grounded on salience alone"	
7:00-10:00	Dinner served in 420 South Callaway	

Saturday, March 14

	SURe	POSS-RT All sessions in 420 South Callaway
		Crime (Chair: David Henderson)
9:00-9:45	No Conference	Justin Biddle (Georgia Tech), "Unbiased Algorithms in a Biased Society? Epistemic Risk and Value Judgments in the Design of Recidivism-Prediction Tools"
9:45-10:30		Aaron Fichtelberg (Delaware), "Is Structural Racism Explanatory? Lessons from Criminology"
		Social Explanation (Chair: Kareem Khalifa)
10:45-11:30		Yafeng Shan (Kent), "Making Causal Claims in Sociology"
11:30-12:15		Sahar Heydari Fard (Cincinnati), "How Not to be a Holist about Social Explanation!"
12:15-1:30		Lunch available
		Methodological Challenges (Chair: David Henderson)
1:30-2:15		Aydin Mohseni (Irvine), "Intervention and Backfire in the Replication Crisis"
2:15-3:00		Donal Khosrowi (Leibniz-Hannover), "When Mechanisms Sleep"
		Normative Models (Chair: Mark Risjord)
3:15-4:00		Mark Herman (Bowling Green), "Cognitive Heuristic Neither Was, Is, nor Should be a Natural Kind: Contrastive Kinds & the Legacy of Descriptive Rational Choice Theory"
4:00-4:45		Lukas Beck (Cambridge) and Marcel Jahn (Humboldt-Berlin), "Normative Models and Their Success"
6:30		Dinner and reception at the home of Mark and Barbara Risjord 2781 Galahad Drive, Atlanta GA 30345 (This address is about a half hour away by Uber/Lyft. You will need to arrange your own transportation.)

Sunday, March 15

	SURe	POSS-RT 420 South Callaway
10:00-12:00	No Conference	Workshop: Teaching Philosophy of Social Science