

SCHPS / CSHPS 2022

Programme préliminaire / Preliminary program

Monday, 16 May: Day 1

All times in EST

		ROOM A	ROOM B
11:00-12:30	session 1	Recent Advances in Philosophy of Science. Chair: TBD Kevin Kaiser, Systems biology study as an interdisciplinary object Charle André Terrault, Newton was an inductivist, but that doesn't mean what you think it means Sophie Bretagnolle, An shift of the concept of Ecosystem Services: is there something new with the Nature's Contribution to People concept?	Historiography of Science. Chair: TBD Kristine Palmieri, On the Philological Foundations of Modern Science in early nineteenth-century Germany Melanie Frappier, 'Minding the Gap': Sophie Germain and the relation between mathematics, philosophy of mind, and gender equality Michael Cameron, "But I am not a barbarian": Le Dernier Homme and the Crisis of Evolutionary Time
12:30-1:30		Lunch	Lunch
1:30-3:00	session 2	Models I (Realism). Chair: TBD Christophe Malaterre and Léonard Martin, Epistemic terms in the practice of science: A computational text-mining approach Aditya Jha, Incompatible Models, Modality and Realism Philippe Verreault-Julien, How-possibly explanations and the accurate representation of dispositions	History of Science, 1700s-1800s. Chair: TBD Johannes Chan, Revolutionary Machines: Socialism and Empire in the English Mechanic Kathryn Morris, Margaret Cavendish on Animal Generation Filippo Maria Sposini, Legal Power and Medical Authority: The Global History of Lunacy Certificates (1850s-1910s)
3:00-3:30		Break	Break
3:30-5:00	session 3	Models II (Representation). Chair: TBD Deivide Garcia da Silva Oliveira, Metaphors in Darwin's Natural Selection and a general account of scientific models Jennifer Whyte, Lotto 1877: Boltzmann, Lakatos, and Model Engineering Mario Bacelar Valente, Geometric cognition: a hub-and-spoke model of geometric concepts	History of Science, 1900s. Chair: TBD Marga Vicedo, Daniel Lehrman: the evolution of a developmentalist Delia Gavrus and Vivien Hamilton, Talking with Plants in the 1970s: The Sensation of 'The Secret Lives of Plants' Emy Kim and Mark Solovey, Revisiting the Work of William F. Ogburn

Tuesday, 17 May: Day 2

ROOM A		ROOM B	
11:00-12:30 session 4	<p>The Categories of Inner Worlds. Chair: TBD</p> <p>Danielle Brown, Interactive Kinds and Norm Enforcement</p> <p>Joshua Barden, Emotions as Conceptual and Extended: A Comparison of the Conceptual Act and Scaffolded Mind Theories of Emotion</p> <p>Matthew Perkins-Mcvey, Lived Model Psychosis: Intoxicated Psychology and the Kraepelinian Dichotomy</p>	<p>History and Philosophy of Science. Chair: TBD</p> <p>Jennifer Jill Fellows, An Archive for Who?: A Lesson in the Limits of Tempered Equality and Free Speech</p> <p>Siyu Yao, Excavation in the Sky: Historical Inference in Astronomy and the Concept of Trace</p> <p>Marco Buzzoni, Looking backward and forward at the Lakatos-Kuhn debate: the logic of scientific research as historical-hermeneutical reconstruction</p>	
12:30-1:30 lunch	Lunch	Lunch	
1:30-3:00 session 5	<p>Justice and Injustice. Chair: TBD</p> <p>Amanda Sears, Pregnancy Testing in Emergency Care Settings: A Case of Epistemic Injustice</p> <p>Ahmad Elabbar, Varying evidential standards as a matter of justice: The context of climate change</p> <p>Tyler Paetkau, When to Stop Building Trust: Perceived Epistemic Injustice and the Limited Obligation of Institutions to Cultivate Trust in Science</p>	<p>Author Meets Critics: James Elwick, Making A Grade: Victorian Examinations and the Rise of Standardized Testing (Toronto 2021). Chair: TBD</p> <p>Ernst Hamm, Robert Brain, Tara Abraham</p>	
3:00-3:30 break	Break	Break	
3:30-5:00 session 6	<p>Values in Science. Chair: TBD</p> <p>Helen Zhao, The Nature of Values in Science: What They Are and How They Guide</p> <p>Milena Ivanova, What is a Beautiful Experiment?</p> <p>Mahmoud Shabani, A Pluralistic Account of Autism: A Case for Strategic Conceptual Engineering</p>	<p>Philosophy of Biology. Chair: TBD</p> <p>Ingo Brigandt, Species, Essentialism, and Human Nature</p> <p>Fermin Fulda, The Nature of Holobionts: The Agential Autonomy Perspective</p> <p>Jacob P. Neal, Investigating the Interplay between Theory and Experiment in the Uptake of the Dynamic View of Proteins</p>	

Wednesday, 18 May: Day 3

ROOM A

11:00-12:30 session 7	Science in Canada. Chair: TBD
	<p>Eliza Pertigkiozoglou and Katrin Zavgorodny-Freedman, Boundaries in Flux: The Legacy of Environmental Design Programs at the University of Waterloo, 1964-71</p> <p>Bree Lohman, The Cold War Comes to Town: North Bay, the BOMARC Missile Site, and the SAGE Underground Complex</p> <p>David Orenstein, The 1972 Montréal IGC Semi-Centennial</p>

12:30-1:30 lunch	Lunch
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1:30-3:00 session 8	Stillman Drake Lecture	
	Deborah R. Coen, Degrees of Vulnerability: Towards a Feminist History of Climate Science	

3:00-3:30 break	Break
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3:30-5:00 session 9	Bias and Blind Analysis in High Energy Physics. Chair: TBD
	Molly Kao, Jean-Philippe Thomas, Michael Massucci

ROOM B

History and Philosophy of Medicine. Chair: TBD
<p>Rachel Katz, More than Sympathy: (Mis)communication in Health Care and the Need for an Ontology of Pain</p> <p>Elizabeth Neswald, Chemical indicators, colorimetry and the standardization of diabetic sugar analysis in the 20th century</p> <p>Jonathan Fuller, The New Modern Medicine: Scientific Medicine as an Unstable Model</p>

Lunch

Break

History of Philosophy of Science. Chair: TBD
<p>Zeyad El Nabolsy, Science in African Philosophy of Culture</p> <p>Christopher Byrne, Francis Bacon as Friend of Aristotle's Natural Science</p> <p>Alex Bryant, Standpoint Epistemologies, the Early Years: Feminist Philosophers of Science</p>

Thursday, 19 May: Day 4

ROOM A

11:00-12:30 session 10

Theories and Theorizing. Chair: TBD

Jessica Oddan, The Evolution of the Axiomatic Method in Reconstructions of Quantum Theory

Mousa Mohammadian, Theoretical Virtues and the Aim of Scientific Theorizing: A Unified Approach

Sébastien Rivat, How Theoretical Terms Effectively Refer

ROOM B

Future Imaginaries and Technology: a Partly Global Perspective. Chair: TBD

Dayna Jeffrey, Martín Pérez Comisso, Yousif Hassan

12:30-1:30

Lunch

1:30-3:00 session 11

AGM

Annual General Meeting, CSHPS/SCHPS

3:00-3:30

Break

3:30-5:00 session 12

What if? Chair: TBD

Aaron Kenna, The climate casino: employing betting markets to quantify uncertainty within IPCC assessment report framework

Andrew Wayne, Contextualist solutions to the problem of explanatory asymmetry

Michael Stuart, Scientists are Internalists about the Epistemology of Imagination: A Case Study from Space Science