

&HPS9 Program

Thursday, March 16th

9:00-10:45:	Arrival and Registration
10:45:	Welcome and Announcements
11:00-12:30:	Ann Johnson Institute Panel on Community in HPS Panel Speakers: Hasok Chang, Matthew Kisner, Jutta Schickore, Heidi Voskuhl
12:30-2:00:	Lunch
2:00-2:30: Aline Potiron	How Does the History of Microbiology Call for a More Integrative View of Explanation in Human Gut Microbiome Research?
2:35-3:05: Raphael Scholl	Populations, Individuals, and Induction in Nineteenth-Century Medical Epistemology
3:10-3:40: Kelle Dhein	How the Instinct vs. Learning Dichotomy Continues to Motivate Productive Debates about Animal Cognition
Coffee break until 4:15	
4:15-4:45: Matilde Carrera	A Name is for Ever. Implication of Past Taxonomical Attribution in Paleoanthropology
4:50-5:20: Dániel Bárdos	Tacit Knowledge and Paleoaesthetics: Visual Rhetorics in the Early History of Punctuated Equilibria
5:25-5:55: Julia Sanchez-Dorado	'A Few Barrels of Sand' Shipped from the River to the Model: An HPS Approach to the Materiality of Modelling.
Refreshments until 6:30	

6:30 - 8 PM

Keynote Speaker: Alisa Bokulich

Boston University

Friday, March 17th

9:00 Convene and Coffee
9:10-9:40: **Andrew Buskell** Recovering Ontological Choices and Recognizing Ontic Risk
9:45-10:15: **Rawad el Skaf** What Can we Learn (and not Learn) from Thought Experiments in Black Hole Thermodynamics? On the use of historical and current case studies in &HPS
10:20-10:50: **Samara Greenwood** Integrated HPS and The Problem of Context

Coffee break until 11:30

11:30-12:00: **Kayoung Kim** Realism and the Atomic Theory: Reflecting on the Debate Between Williamson and Brodie, 1866-1880
12:05-12:35: **Hasok Chang** Discovery Through Aim-Oriented Adjustment: The Case of the Daniell Cell

Lunch break until 2:15

2:15-2:45: **Marco Forgione** Feynman: Visualization and Understanding of Quantum Phenomena
2:50-3:20: **Federico Laudisa** When and How Did Locality Turn into 'Local Realism'? A Historical and Critical Analysis (1963-1978)

Coffee break until 3:45

3:45-4:15: **Joshua Eisenthal** Back to the Problem of Space
4:20-4:50: **Mahmoud Jalloh** Metaphysics and Convention in Dimensional Analysis, 1914-1917

5:00-6:15: Poster session

Alan Love
and **Max Dresow** Teleonomy: The Deep History and Uncertain Future of a Shallow Concept

Katherine Valde Lessons from the Calibration and Synchronization of Biological Clocks

Chris Zajner Ignorance Is Bliss? The Impact of Globalization and Medical Theory on the Societal Response to the 1889 Russian Flu

George Borg Geochronology and the Ontology of Scientific Methods

7:30: Conference Dinner - Top of Carolina

Saturday, March 18th

9:00	Convene and Coffee
9:15 - 9:45: Corey Maley	Computation and Computability
9:50-10:20: Ioan Muntean	A Functional and Interventionist Approach to Scientific Progress: Computational Science at Work
10:25-10:55: Noah Stemeroff	Hermann Weyl and the Problem of Knowledge

Coffee break until 11:30

11:30-1:00 PM

Keynote Speaker: Gregory Radick University of Leeds

Lunch break until 2:00

2:00-2:30: Michael Veldman	What Kinds of Causes are Forces? Euler's Line of Separation between Metaphysics and Mechanics
2:35-3:05: Qiu Lin	Du Châtelet on Mechanical Explanation vs. Physical Explanation
3:10-3:40: Caleb Hazelwood	Newton's "Law-First" Epistemology and "Matter-First" Metaphysics

Coffee break until 4:15

4:15-4:45: Hakob Barseghyan and Aayu Pandey	The Mechanics of Kuhn-Loss
4:50-5:20: Henriikka Hannula	The Tedious Clatter of 'Induction' and 'Deduction' - Wilhelm Dilthey on Historical, Social, and Psychological Laws
5:25-5:55: Dubian Cañas	How Historiographical Standards Adjudicate Philosophical Disagreements: A Case in the Selective Realism Debate

Closing