

AAHPSSS 2023 – Draft program (26/10/2023)

	Wednesday 29 November	Thursday 30 November	Friday 1 December
8:30am - 9:30am	Registration	Registration	Registration
9:30am – 11:00am	Conference welcome Plenary: Mitch Gibbs (University of Sydney) <i>First Nations Knowledge of Shellfish in Australia</i>	Panel discussion: <i>The Future of HPS in Australia</i>	Plenary: Jane Calvert (University of Edinburgh) <i>A Place for Science and Technology Studies</i>
11:00am – 11:30am	Morning Tea	Morning Tea	Morning Tea
11:30pm – 1:00pm	Concurrent Sessions <ul style="list-style-type: none"> • Histories of Scientific Programs • Philosophies of Kinds & Collectives • Nuclear Powered Networks, AUKUS & The New Cold War 	Concurrent Sessions <ul style="list-style-type: none"> • Metascience – Progress • Histories of 19th C. Medicine – Practice • Neurodiversity, Madness & Disability: Putting Lived Experience at the Forefront 	Concurrent Sessions <ul style="list-style-type: none"> • Synthetic Biology & the Challenges to STS & Environmental Humanities • Complexity & Communication • Histories of Science and Engineering
1:00pm – 2:15pm	Lunch	Lunch	Lunch & AGM
2:15pm – 3:45pm	Concurrent Sessions <ul style="list-style-type: none"> • Histories of Early Modern European Science • Histories of 19th C. Medicine – Public Health • Philosophy Of Temporality 	Concurrent Sessions <ul style="list-style-type: none"> • Integrated HPS • Metascience – Measurements • Psychology & Psychiatry – Histories 	<i>Scientists in Conversation with Science Scholars</i>
3:45pm - 4:15pm	Afternoon Tea	Afternoon Tea	Afternoon Tea
4:15pm – 5:45pm	Plenary: Natalie Koehle (University of Sydney) <i>Rethinking Eurasian Connections in the History of Medicine</i>	Postgraduate Workshop	CHASS Closing Plenary (shared)
6:00 pm – 7:30 pm	Dyason Lecture: Rachael Brown (ANU) <i>Fifty Years of Philosophy of Biology: Where are we now?</i>	CHASS Social Function (shared)	
7:30 pm – 9:00 pm		Conference Dinner	

Wednesday 29/11 11:30am

Histories of scientific programs

Carl Sciglitano	Unravelling the Values and Priorities of Simulation Producers and Users
Sophie Ritson	Communicating Uncertainty: The curious case of the 750 GeV bump at the LHC
Rebecca Johnson	Echoes in Silicon: Humanity's Imprint on GenAI

Philosophy of kinds and collectives

Rachel Ankeny	Themes and Variations in the 'Precision' Sciences: On the Relation Between Regimes and Repertoires
Sandy Boucher	Epistemic stances and biological kinds
Rebecca Mann	Splitting the Problem of Biological Individuality: A Spatial and Temporal Problem

Nuclear powered networks, AUKUS and the new cold war

Adam Lucas
Mark Diesendorf
Darrin Durant
Michelle Fahy

Wednesday 29/11 2:15pm

Histories of Early Modern European Science

Randall Albury	The Crocodile and its 'Social Network' as Understood in Europe c. 1500
Gerhard Wiesenfeldt	Huygens on the Barge: Relativity of Motion in the Life World of 17th Century Holland
Ellen McLinden	Academic Competition and Crusade: conflict and cohesion at the University of Halle 1694–1730

Histories of 19th Century Medicine – Public Health

Alison Moore	Individual Preventive Health Practices and Self-Medication in Nineteenth-Century France
Divya Gopalakrishnan	Venereal Disease a threat to 'public health'? : A history of colonial sanitary measures in the nineteenth century Madras Presidency (South India)
Apurba Chatterjee	Visualising Spaces of Pestilence: Malaria and the Environment in Late Colonial India

Philosophies of temporality

David Kaplan	The role of behaviour in understanding neural representation and computation
Martin Leckey	The "arrow of time" and a new entropy measure from quantum mechanical spontaneous collapse
Jules Rankin	The Predictive Processing of Flow

Thursday 30/11 11:30am

Metascience - progress

Alex Holcombe	Do standard authorship practices slow scientific progress?
Carmelina Contarino	Two steps forward, one step back: the hidden link between exploratory research and epistemic iteration
Krishna Verma	Issues of Access and inequity in Developing Countries of Health Products during Covid-19 and Intellectual Property Rights Regime

Histories of 19th Century Medicine – practice

Caitlin Mahar	Good Deaths: Nineteenth-Century Foundations of Medical Care of the Dying & Euthanasia
Chris Orrell	Medical Journals and the Construction of Medicine in Australian Colonies in the 19th Century
Jonathon Sandeford	A Paradigm Shift: The Social, Intellectual, and Technological Nexus that instigated Abdominal Surgery.

Neurodiversity, Madness and Disability: Putting Lived Experience at the Forefront

Gemma Lucy Smart	Narratives of Madness and Mental Distress
Alan Jurgens	Body Social Models of Disability
Marilyn Stendera	Institutions, Time and Neurodiversity

Thursday 30/11 2:15pm

Integrated HPS

Samara Greenwood	Introducing a Three Mode Framework for Analysing Context-to-Science Relations
Kristian Camilleri	What Good are Historical Case Studies for the Philosophy of Science?
John Wilkins	Worldviews and their [im]plausibility

Metascience - measurements

Wendy Higgins	Metascience, philosophy, and psychological measurements
Robert Ross	Ina+en-ve par-cipants: An underappreciated source of systematic error in psychology research
Ian Hesketh	Cultivating Darwin's Scientific Gardener: John Scott, Botany, and the Physiological Test

Psychology and psychiatry - histories

Zoe Cosker	Conceptualising 'care': mental health law in Victorian Hansard, 1959-2014
Jacinthe Flore	The vagus nerve as an agent of balance: Sketching a cultural history
Sara Campolonghi	Psychiatry as a medical discipline: Epistemological and theoretical issues

Friday 1/12 11:30am

Synthetic Biology and the Challenges to STS and Environmental Humanities

Josh Wodak	Gambling on Unknown Unknowns: Risk Ethics for a Climate Change Technofix
Daniele Fulvi	Hubris vs. Humility: Negotiating HASS and STEM Worldviews through Synthetic Biology
Henry Dixon	Responsible Innovation in Synthetic Biology: Public Reflections

Histories of astronomy and engineering

Ian Tasker	The appointment and forced retirement of a government astronomer
Martin Bush	The Polysemic Planetarium
Ian Wills	Engineering: The dark art of mixing science, mathematics and whatever else comes to hand

Complexity and communication

Philippa Barr	The Complexities of Disgust: From Pathogen Avoidance to Identity Formation
Stephen Ames	From Physics to Metaphysics, A New Way
Bill Palmer	Alfred Payson Gage (1836-1903); teacher, communicator and champion of experimental physics