

New Perspectives on Causation in the Life Sciences

27 – 28 June 2022

Cornwallis Octagon LT2

Day 1

9.45 – 10.00	Welcome and Introduction
10.00 – 11.00	<i>Biological function, causal explanation, and natural selection</i> Samir Okasha (Bristol)
11.00 – 11.15	Coffee Break
11.15 – 12.00	<i>Defending the good cause: phenotypes determine genotypes</i> David Haig (Harvard)
12.00 – 12.45	<i>Mechanistic explanation and evolutionary causal chains</i> Davide Vecchi (Lisbon)
12.45 – 14.15	Lunch Break @ Cornwallis East SR1
14.15 – 15.15	<i>Natural selection and the metaphysics of causation</i> Charles Pence (UC Louvain)
15.15 – 16.00	<i>Dynamical causes & explanations in systems biology</i> Russell Meyer (Wollongong)
16.00 – 16.45	<i>Between nature and culture: developing a third way for causal cognition</i> Rachael Brown and Ross Pain (ANU)
16.45 – 17.00	Tea Break
17.00 – 18.00	<i>Causation, observation, and experiment: reflections on practical inquiry in the German lands around 1800</i> Jutta Schickore (Indiana)
19.30 – 21.00	Conference Dinner

Day 2

10.00 – 11.00	<i>Causation in a world of process</i> John Dupre (Exeter)
11.00 – 11.15	Tea/Coffee Break
11.15 – 12.00	<i>Proximate epigenetic effects and the role of causal graph theory</i> Tom Dickins (Middlesex)
12.00 – 12.45	<i>Demystifying downward causation in biology</i> Yasmin Haddad (McGill)
12.45 – 14.15	Lunch Break @ Cornwallis East SR1
14.15 – 15.15	<i>Cascade versus mechanism: the diversity of causal structure in science</i> Lauren Ross (UC Irvine)
15.15 – 16.00	<i>An emerging dilemma for reciprocal causation</i> Caleb Hazelwood (Duke)
16.00 – 16.45	<i>Variable relativity of causation is good</i> Veli-Pekka Parkkinen (Bergen)
16.45 – 17.00	Coffee/Tea Break
17.00 – 18.00	<i>Some philosophical and methodological issues raised by polygene risk scores</i> James Woodward (Pittsburgh)