Predictive Engines: Andy Clark and Predictive Processing at Macquarie

Monday 11th

Macquarie University Incubator

9.30 Welcome to Country and Opening Remarks
Chair: Richard Menary

10.00 – 11.30 Andy Clark (Edinburgh/Macquarie) Only Predict: On the Nature, Scope and Limits of Predictive Processing

11.30 – 12.30 David Kaplan (Macquarie) Bayesian modelling, unification, and constraints

12.30 – 14.00 lunch

Macquarie Theatre
Chair: John Sutton

14.00 – 15.00 Regina Fabry (Giessen) Into the Dark Room: A Predictive Processing Account of Major Depressive Disorder

15.00 – 15.30 Coffee

15.30 – 16.30 Michael Kirchhoff (Wollongong) Nested Markov Blankets and the Boundaries of Mind

16.30 – Discussion led by John Sutton

Tuesday 12th

Macquarie University Incubator

Chair: Richard Menary

9.30 – 11.00 Jakob Hohwy (Monash) Prediction Error Minimisation vs. Embodied Cognition

11.00 – 12.00 Phillip Gerrans (Adelaide) SADness and precision

12.00 – 13.00 lunch
Chair: John Sutton
13.00 – 14.00 Richard Menary (Macquarie) Predictive Engines, Free Energy and Cultural Evolution

14.00 – 14.15 Coffee

Chair: John Sutton

14.15 – 15.15 Sidney Carls-Diamante (Auckland) Predictive Processing in the Octopus: Issues and Implications

15.15 – 16.15 Ken Cheng (Macquarie) Embodied, Extended, and Enactive Cognition in Animals: Varieties of situated cognition

19.00 Conference Dinner

13th

Macquarie University Incubator

9.30 – 10 coffee

Chair: Richard Menary

10 – 11.30 Jennifer Windt (Monash) Bodily Self-Sampling & the Body-Brain-Body Problem: A Predictive Processing Perspective on Dreams & Sleep

11.30 – 12.30 Dan Hutto (Wollongong) Getting Into Predictive Processing's Great Guessing Game: Bootstrap Heaven or Hell?

12.30 – 1.30 lunch

Chair: Richard Heersmink

1.30 – 2.30 Colin Wastell (Macquarie) Responding to Novel Problems: Complex Emergent Modularity and Predictive Processing

2.30 – 3.00 coffee

Chair: Richard Heersmink

3.00 – 4.00 Colin Klein (Macquarie) Belief and Desire, Credence and Value, The Good and The Typical, and Other Pairs You Probably Shouldn’t Identify.

4.00 Final remarks – Richard Menary (Macquarie)