

# X-SPECT Third Newsletter

## Recent Talks

Andy Clark presented at the international conference, *Feeling Reasons: The Role of Emotions in Reasoning* (May 25-26):

- *Happily Entangled: Emotions, Cognition, and the Predictive Mind* (based on joint work with Miller), May 25

David Carmel presented at 21<sup>st</sup> Annual Meeting of the Association for the Scientific Study of Consciousness in Beijing. (June 13-16)

- *Recent visual experience determines the spatial extent of a predictive memory illusion* (joint work with Doumas and Clark), June 15.

Sam Wilkinson presented at a workshop on *Belief, Self-Knowledge and Transparency*, in Oviedo, Spain (June 7-8):

- *How to Make a Self-Knowing Mind*, June 7

## Forthcoming Talks

Sam Wilkinson will be presenting at the *Joint Session of the Aristotelian Society and Mind Association*, in Edinburgh, (July 14-16)

- *Predictive Processing and the Contents of Perceptual Experience*

## Forthcoming Events

Thursday, June 22, 4pm at the University of Edinburgh, in room DSB 3.10/3.11, there will be an Open Discussion Forum on Predictive Processing.

This will be an opportunity to ask any burning questions - and to have general discussion - about anything relating to predictive processing. All are welcome.

This conference may be of interest to list members:

Computation and Representation in Cognitive Science: Enactivism, Ecological Psychology & Cybernetics (University of Sussex, 10th-11th July 2017)

It is a two-day conference exploring the relationship between enactive, ecological, and computational approaches to cognitive science. A particular focus of the conference is the shared ancestry of some of these approaches in classical cybernetics, and the potential for future reconciliation between the approaches.

Talks will be given by the following speakers (titles and abstracts will be made available closer to the conference date):

Anthony Chemero (University of Cincinnati)  
Ron Chrisley (University of Sussex)  
Sabrina Golonka (Leeds Beckett University)  
Alistair Isaac (University of Edinburgh)  
Marcin Miłkowski (Polish Academy of Sciences)  
Nico Orlandi (UC Santa Cruz)  
Anil Seth (University of Sussex)  
Mario Villalobos (Universidad de Tarapaca)

Our first project workshop, entitled *Expecting Ourselves: Prediction, Action, and the Embodied Mind*, will be held on November 10, 2017 in the Informatics Forum at the University of Edinburgh.

Confirmed speakers include: Karl Friston, Sarah Garfinkel, Lucia Melloni, Anil Seth.

Full programme with more speakers to follow shortly.

The workshop will feature some invited speakers and a poster session for contributed work. The workshop directly follows the [Designed Minds](#) meeting (November 8-9) to be held at the same location. The two workshops are independent (and each will have its own registration process) but they will tackle many common themes.

The X-Spect workshop is free and open to all, but places are limited and participants will need to register in advance. Details will be on [our website](#) and sent out on this mailing list as things develop.

## Other activities

Network member Anil Seth has written this very cool article for Aeon on the real problem of consciousness:

<https://aeon.co/essays/the-hard-problem-of-consciousness-is-a-distraction-from-the-real-one>

Sam Wilkinson will be talking at the British Science Festival in Brighton (September 5-9), on *Perception and Hallucination are More Similar than You Might Think*.

He will also be talking on *Believing Badly (and the Bayesian Brain)* at a public engagement event of the Early Career Mind Network in Birmingham. (September 16)

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Facebook: [facebook.com/xspectconsciousness](https://www.facebook.com/xspectconsciousness)

## Hot Off the Press

(A selection of relevant papers that have appeared very recently)

Where do hypotheses come from?

Cogn Psychol. 2017 Jun 3;96:1-25. doi:

10.1016/j.cogpsych.2017.05.001. [Epub ahead of print]

Dasgupta I, Schulz E, Gershman SJ.

Looking for the Self: Phenomenology, Neurophysiology and Philosophical Significance of Drug-induced Ego Dissolution.

Front Hum Neurosci. 2017 May 23;11:245. doi:

10.3389/fnhum.2017.00245. eCollection 2017.

Millière R.

A Probabilistic Model of Meter Perception: Simulating Enculturation.

Front Psychol. 2017 May 22;8:824. doi: 10.3389/fpsyg.2017.00824.

eCollection 2017.

van der Weij B, Pearce MT, Honing H.

Supramodal Representation of Temporal Priors Calibrates Interval Timing.

J Neurophysiol. 2017 Jun 14;jn.01061.2015. doi: 10.1152/jn.01061.2015. [Epub ahead of print]

Zhang H, Zhou X.

Visuomotor Coupling Shapes the Functional Development of Mouse Visual Cortex.

Cell. 2017 Jun 15;169(7):1291-1302.e14. doi: 10.1016/j.cell.2017.05.023. Epub 2017 Jun 9.

Attinger A, Wang B, Keller GB.

Sensitivity to Shared Information in Social Learning.

Cogn Sci. 2017 Jun 13. doi: 10.1111/cogs.12485. [Epub ahead of print]

Whalen A, Griffiths TL, Buchsbaum D.

Integrating speech in time depends on temporal expectancies and attention.

Cortex. 2017 May 19;93:28-40. doi: 10.1016/j.cortex.2017.05.001.

[Epub ahead of print]

Scharinger M, Steinberg J, Tavano A.