

X-SPECT Ninth Newsletter

Hello again from the X-Spect Team.

Lot of new and exciting news to share with you all.

Our 3rd annual workshop is coming up. This year we've called it ***Wilding the Predictive Brain: Prediction, Culture and Context***, and it will be held at the University of Sussex on November 1st 2019. We have great speakers booked, including Andreas Roepstorff (Aarhus), Katerina Fotopoulou (UCL), Sarah Garfinkel (Sussex), Jelle Bruineberg (Amsterdam), Rosalyn Moran (Bristol) and Matt Sims (Edinburgh).

If you wish to register in advance (we have a 70 person capacity), send along an email with the subject line "Workshop Registration", and your name and affiliation, to expectingourselves@gmail.com.

Ok, here's a list of our recent publications, talks and media events. Enjoy...

Our newest publications...

Deane, G. (in press) Dissolving the Self: Active inference, Psychedelics, and Ego-Dissolution. In *Philosophy and the Mind Sciences*.

Clark, A. (In Press). Beyond Desire? Agency, Choice, and the Predictive Mind. *Australasian Journal of Philosophy*

Clark, A (In Press) Author's Reply: In Search of the Embodied, Extended, Enactive, Predictive Mind. In Colombo, Irvine, and Stapleton (eds) *Andy Clark and His Critics* (Oxford University Press)

Clark, A (In Press) Consciousness as Generative Entanglement *Journal of Philosophy*

Homan, P., Lau, H. L., Levy, I., Raio, C. M., Bach, D. R., Carmel, D., & Schiller, D. (2018). Affective flexibility without perceptual awareness. *bioRxiv*, 505545.

Miller, M., & Nave, K. (2019). Slimes and cyborgs: stretching the boundaries of life. *Adaptive Behavior*, 1059712319843267. *authorship alphabetical

Clark, A., Wilkinson, S., Nave, K. and Deane, G. (2019) "Getting Warmer: Interoception, Inference and Feeling" in *Emotions and Reasons* (Candiotto ed.) Palgrave Macmillan. *authorship alphabetical (Not sure if this was already listed as 'in press?')

Wilkinson, S. (2019). Distinguishing volumetric content from perceptual presence within a predictive processing framework. *Phenomenology and the Cognitive Sciences*, 1-10.

Clark, A., Friston, K., & Wilkinson, S. (2019). Bayesing Qualia: consciousness as inference, not raw datum. *Journal of Consciousness Studies*.

Bocanegra, B., Poletiek, F., Ftitache, B., & Clark, A (2019) Intelligent problem-solvers externalize cognitive operations *Nature: Human Behaviour*: 3: 136–142

Clark, A (2018) Beyond the 'Bayesian Blur': Probabilistic Brains and the Nature of Subjective Experience. *Journal of Consciousness Studies* Volume 25, Numbers 3-4, 2018, pp. 71-87(17)

Clark, A (2018) A Nice Surprise? Predictive Processing and the Active Pursuit of Novelty. *Phenomenology and the Cognitive Sciences* Volume 17, Issue 3, pp 521–534

Linson A, Clark A, Ramamoorthy S & Friston K (2018) The Active Inference Approach to Ecological Perception: General Information Dynamics for Natural and Artificial Embodied Cognition, *Frontiers in Robotics and AI*, 5, Art. No.: 21.

Clark, A (2018) Priors and Prejudices: Comments on Susanna Siegel's *The Rationality Of Perception* *Res Philosophica*, Vol. 95, No. 4, October 2018, pp. 741–750

Talks and Presentations...

25/1/19 Andy Clark presented, "Bayesing Qualia. Consciousness as inference, not raw datum" at Predictive Processing, Consciousness and Self, Bochum, Germany.

26/2/19 Andy Clark presented, "Being a YOUcology". Invited talk to the Google Lyra Project Summit, Google, Kings Cross, London.

26/3/19 Andy Clark presented, "Computational Psychiatry and the Construction of Human Experience" Talk to the Cognitive Science Seminar Series, University of Sussex

29/3/19 Andy Clark presented, "Expecting the World: How Hallucinating (?) Brains Turn Signals into Sense" Talk to the University of Sussex Philosophy Seminar Series

25/3/19 Kathryn Nave presented, "Enactivist Approaches to the Problem of Consciousness" at Modelling Consciousness at Dorfgastein, Austria.

31/5/19 Kathryn Nave presented, "Visual Phenomenology and Predictive Processing: Disambiguating Two Notions of Determinacy" at Clark and His Critics, at University of Edinburgh, UK.

9-10/5/19 Mark Miller presented, "Embodying Addiction: A Predictive Processing Account" at Beyond the Brain: Academic Conference on Reconceptualizing Mental Disorders, University of Edinburgh UK.

21/5/19 Mark Miller presented, "The Grippless Grip: A Predictive Processing Account of Awakening" at Pint of Science, Edinburgh UK.

3/6/19 Kathryn Nave presented, "Predictive Processing: Helmholtzian or Enactivist?" at Innovative Minds Predictive Processing, Embodiment and Conscious Experience Summer School.

31/5/19 Andy Clark presented, "A World, Entangled: Putting Predictive Brains in their Place" Talk to the Andy Clark and His Critics Conference University of Edinburgh, Edinburgh, Scotland

June-July Mark Miller organized a 6-week online summer school entitled Predictive Processing, Embodiment and Consciousness. We had a great line up of presenters including, Kate Nave, Jelle Bruineberg, Julian Kiverstein, Sina Fazelpour, Madeline Ransom, George Deane, Max Jones and Abbey Tabor.

16/7/19 Andy Clark presented, "Bayesing Qualia" at "The Predictive Brain: From Perception to Awareness" Leverhulme Doctoral Scholarship Programme, 1st Annual Conference, University of Sussex, UK

6-7/7/19 Mark Miller organized and presented a 2-day workshop entitled "Entangled Prediction: Predictive Processing, Emotion and Embodied Cognition" at Tubingen University DE.

16/7/19 George Deane Presented "The Self in Active Inference" at The Predictive Brain: From Perception to Awareness, the first annual Sensation Sussex conference, University of Sussex, UK.

17/7/19 George Deane presented "Dissolving the Self: Active Inference, Psychedelics, and Ego-dissolution" at Innovative Minds Predictive Processing, Embodiment and Conscious Experience Summer School.

8/8/19 Andy Clark presented, “Cyborg Minds in Designer Worlds” Invited Keynote at the Digital Futures Conference, Shanghai, China

9/8/19 Andy Clark presented, “Building a Human: Embodied Minds, Predictive Brains, Designer Worlds” Invited Talk to the Tongji University Philosophy Society, Shanghai, China

2/09/19 Mark Miller presented “Mood as Predicting Momentum” as part of a symposium (with Jelle Bruineberg, Regina Fabry and Julian Kiverstein) Losing Our Grip: Psychopathology and Embodied Predictive Processing at the European Conference on Cognitive Science, Bochum DE.

New Interviews and Media...

6/6/19 Interview with Andy appears on Edge’s ‘Conversations at the Edge’, under the title “Perception as Controlled Hallucination”. https://www.edge.org/memberbio/andy_clark

8/19 Andy was featured in Time Magazine’s 2019 ‘Tech Optimists’ Issue <https://time.com/5576442/tech-optimists/>

As well as a week or two earlier, in a Time Magazine article on the future of AI <https://time.com/5610094/cogito-ai-artificial-intelligence/>

24/7/19 Interview with Andy appears in Nature Outlook: The Brain, under the title “A More Human Approach to Artificial Intelligence” <https://www.nature.com/articles/d41586-019-02213-3>

And check out...

Andy’s sessions at the How The Light Gets In Festival (part of the Hay International Book Festival) are now available as an online course <https://iai.tv/iai-academy/courses/info?course=predicting-ourselves>

An edited volume (Colombo, Irvine, and Stapleton eds) devoted to Andy’s work (Andy Clark and His Critics) appeared in 2019 with Oxford University Press, along with a very substantial (20,000 word) Author’s Reply

Thats it for this time... Talk soon.

The X-Spect Team