



... What is the meaning of life? That was all--a simple question; one that tended to close in on one with years, the great revelation had never come. The great revelation perhaps never did come. Instead, there were little daily miracles, illuminations, matches struck unexpectedly in the dark; here was

Virginia Woolf: To the Lighthouse (1927)

In search of the meaning of life

Brain anatomy is hierarchical

But how is hierarchy orchestrated?

Dame Antonia S Byatt (1936-2023)





Aristotle's radical idea:

- · Pleasure (hedús, sweet taste of honey)
- · Essential for survival: food, sex & social

- · A life well-lived, embedded in meaningful values, together with a sense of engagement
- Subtle and complex lack of well-being in mental health is devastating
- · Difficult to reliable induce and measure but social, music, meditation & psychedelics may offer new avenues

Key ingredients of joy and thriving

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Seeing sense



... in order to more effectively treat affective disorders, we need to develop a better understanding of hedonic processing in the human brain

Pleasure is at the heart of what makes us human, but at the same time it is also one of the most important factors keeping us from staying healthy.

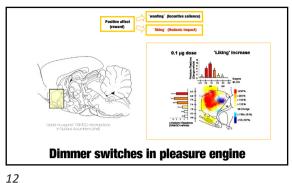
Understanding the underlying brain mechanisms of pleasure can help us better treat **anhedonia** which is a common problem of affective disorders.

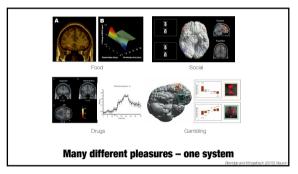
Hedonia: Research objectives

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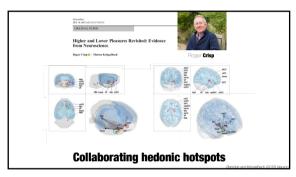












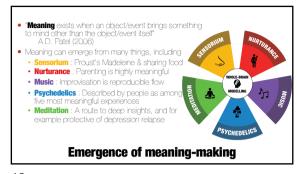
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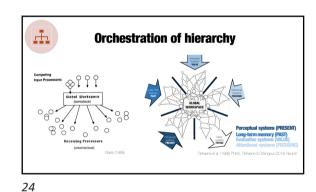


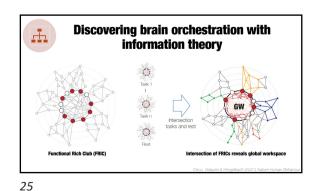




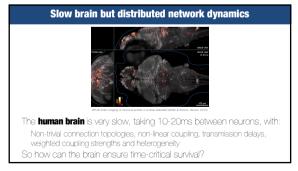




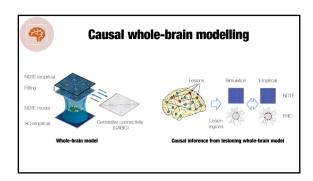


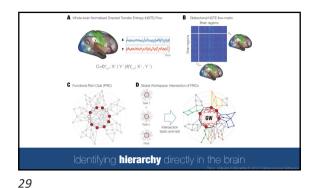


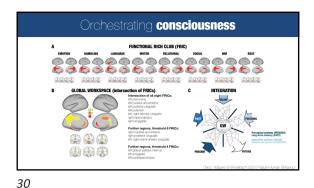


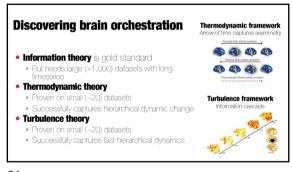


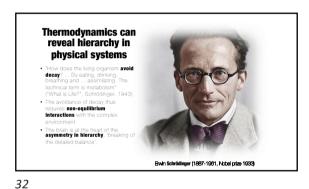
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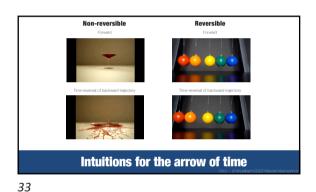


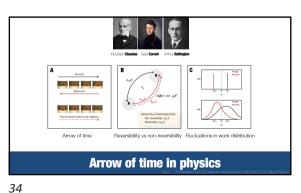








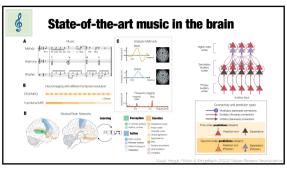






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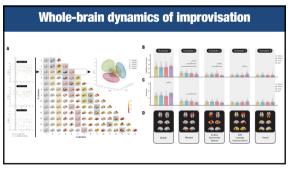


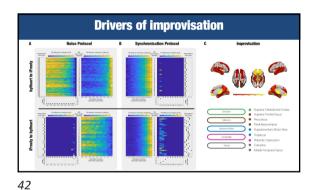




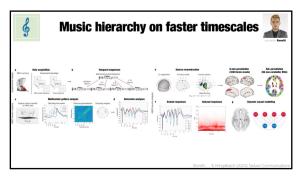
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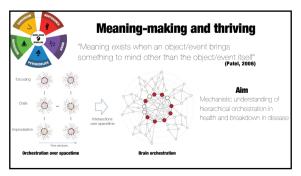






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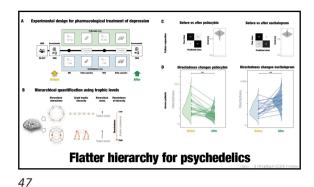


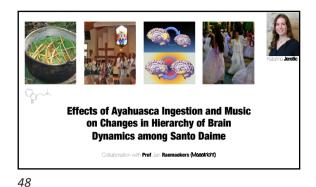


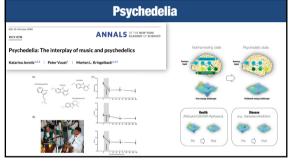


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- Flourishing brain states can now be identified
- Flourishing requires a working hedonia system
- Whole-brain modelling of neuroimaging of many types of flourishing states can identify causal networks
- Triangulation can serve as a target constellation for rebalancing the brain in disease
- This may help develop new treatments including behavioural treatments and music

Conclusions

Empathy Museum http://empathymuseum.com ROMAN KRZNARIC



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