

3 Courses

The Basics of Libertarian Free Will

Free Will and Neuroscience

Neural Basis of Imagination, Free Will, and Morality



May 27, 2024

Xiangning Liang

has successfully completed the online, non-credit Specialization

Libertarian Free Will

In this Specialization, we dismantle arguments against free will, both from a philosophical and neuroscientific perspective. In supporting free will, we tour philosophy, physics and neuroscience. We rethink the neural code and discover that evolution has discovered a middle path between determinism and chance. We learn about the amplification of quantum domain indeterminism up to a level of indeterminacy in neural spike timing. We see that outcomes that arise from internal operations in working memory, that afford imagination and deliberations about the future, can alter probabilities of future courses of action.

Petr Tse

Peter Tse Professor of Psychological and Brain Sciences Dartmouth College

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