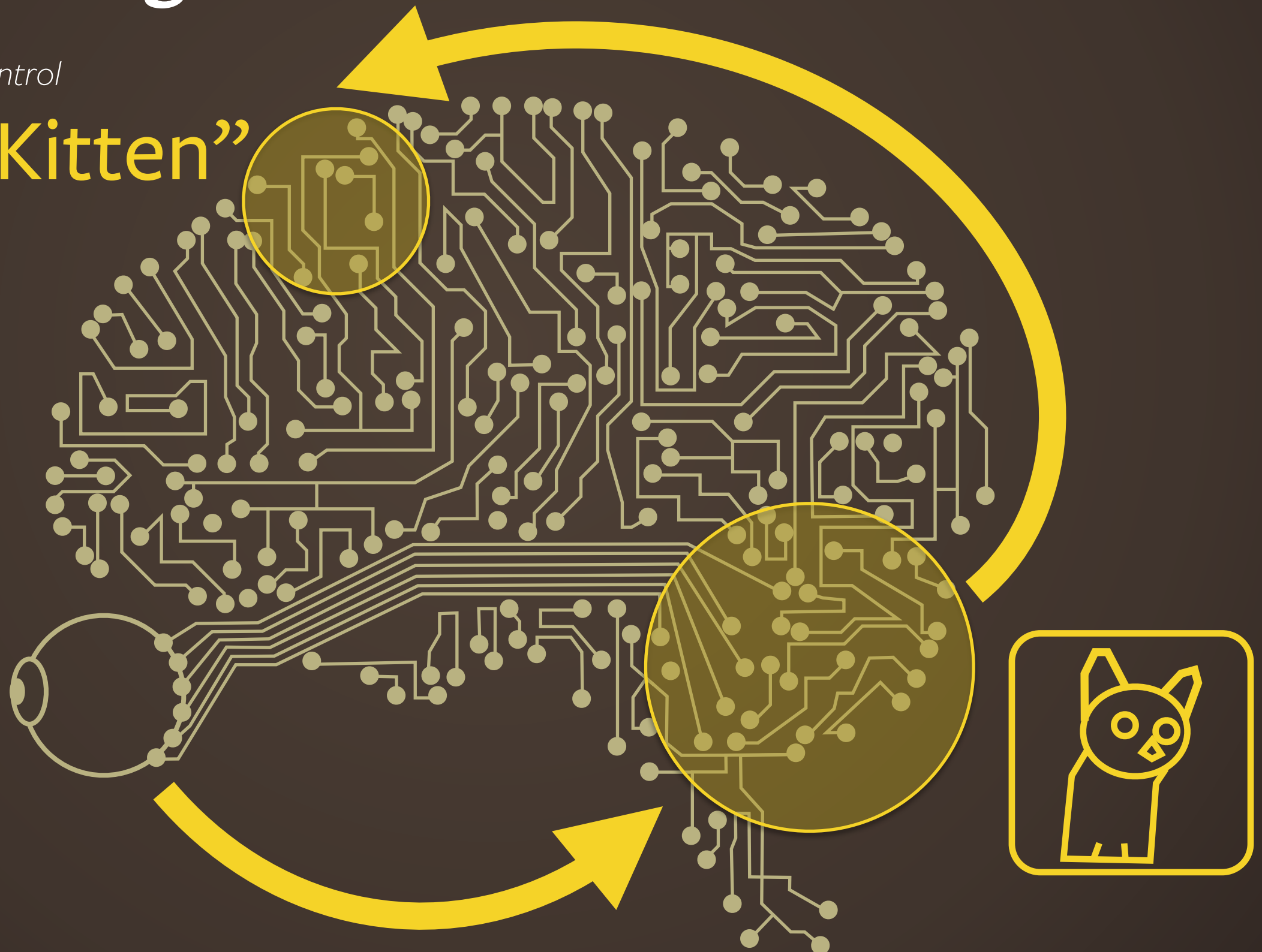


The biological inspiration and motivation of Deep Learning

Dr Jonathon Hare
Vision, Learning and Control

“Kitten”



- Biological systems, neuroscience and psychology have long served as inspiration and motivation for Artificial Intelligence
- There is no argument that current deep learning models and approaches are **not biologically plausible**.
- But, throughout the development of neural networks and deep learning, biology has played a role...