



UCL NeuroAI Annual Meeting

13.00-15.55 BST | Wednesday 12 May 2021

13:00–13:05

Welcome

Professor Trevor Smart, UCL Department of Neuroscience, Physiology & Pharmacology

13:05–14:35

Session 1

Chair: Professor Trevor Smart, UCL Department of Neuroscience, Physiology & Pharmacology

13:05

Measuring and modeling behavior with machine learning

Professor Alexander Mathis, Tenure Track Assistant Professor, Center for Neuroprosthetics, Center for Intelligent Systems, Brain Mind Institute, & School of Life Sciences, Swiss Federal Institute of Technology (EPFL)

13:35

Probing motor adaptation in an artificial neural network model

Professor Claudia Clopath, Bioengineering Department, Imperial College London

14:05

Image based models for unravelling the heterogeneity of neurodegenerative disease

Professor Daniel Alexander, Professor of Imaging Science, UCL Department of Computer Science

14:35–14:50

Comfort break

14:50–15:50

Session 2

Chair: Professor Caswell Barry, UCL Department of Cell and Developmental Biology

14:50

Context-dependent motor cortical activity during brain-computer interface use

Dr Jennifer Collinger, PhD, Associate Professor, Department of Physical Medicine and Rehabilitation, University of Pittsburgh

15:20

Panel discussion

15:50

Closing remarks

Professor Caswell Barry, UCL Department of Cell and Developmental Biology