

Talks and Presentations (2020 onwards)

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Title of Talk/Presentation	Audience	Audience Size	Year
The future of AI: risks, AGI timelines, and safety	Colleagues at LCP Health Analytics	30	2025
Automating Systematic Literature Reviews using LLMs: A Development and Validation Study (Poster Presentation)	Attendees at the ISPOR EU Conference	500	2024
Databricks, MLFlow, Snowflake, and best practices in version control	Colleagues at LCP Health Analytics	50	2024
Python practical session II	Colleagues at LCP	25	2024
Python practical session I	Colleagues at LCP	25	2024
Graph Goblin: automating data extraction through advancements in computer vision	Colleagues at LCP Health Analytics	50	2024
A new Machine Learning and Deep Learning training repository at LCP Health Analytics	Colleagues at LCP Health Analytics	50	2024
Bridging the gap between neuroscience and policy	Academics, students, and members of the public at Luminomia Cambridge	30	2023
CBU Methods Day talk: Using HMMs to predict resting-state dynamics in a developmental sample	Members of the MRC Cognition and Brain Sciences Unit, University of Cambridge	50	2023
Poster presentation: The entropy of resting-state neural dynamics is a marker of general cognitive ability in childhood	UKRI Respect4Neurodevelopment Conference attendees	100	2023

Mapping Cells, Circuits, and Systems	Theoretical Neuroscience Reading Group, University of Cambridge	20	2023
Neurodiversity: A Scientific Perspective	High school students visiting the MRC Cognition and Brain Sciences Unit as part of a summer programme	40	2023
Exploring Neural Heterogeneity in Inattention and Hyperactivity	International group of academics at the Cambridge-Fudan-Sydney symposium	50	2023
Podcast interview: ADHD UK Science Podcast (Episode 1)	ADHD UK subscribers and general public	500	2023
Brain Dynamics of Verbal and Spatial Processing	Academics attending neuroimaging methods presentations at the MRC Cognition and Brain Sciences Unit	30	2023
Workshop presentation: Diverse Trajectories to Good Developmental Outcomes	Attendees of the It Takes All Kinds of Minds Conference	100	2023
Journal Club: Linear Models for Neuroscience	4D Lab Journal Club	20	2023
Journal Club: Beyond Modularity	4D Lab Journal Club	20	2023
Lab presentation: Cognitive ability predicts resting-state neural dynamics in a developmental sample	4D Lab members	10	2023
Lab presentation: Doing MEG Research - A Roadmap	4D Lab members	10	2023
Is ADHD Real?	Academics, students, and members of the public at Luminomelia Cambridge	80	2022
Rebuilding Trust in Autism Research	Academics, students, and members of the public at Luminomelia Cambridge	50	2022
From the Neuron Doctrine to Neuroimaging	Members of St John's College, Cambridge	50	2022
Transdiagnostic Approaches to Brain Diversity	Members of St John's College, Cambridge	20	2022

The mind that develops 'out there'	Academics, students, and members of the public at Luminomelia Cambridge	50	2022
Poster presentation: Exploring Neural Heterogeneity in Inattention and Hyperactivity	Members of Flux Congress	500	2022
Exploring Neural Heterogeneity in Inattention and Hyperactivity	Members of Flux Congress	300	2022
Transdiagnostic Neural Pathways to Inattention and Hyperactivity	Attendees of the Child Development Forum at the MRC Cognition and Brain Sciences Unit	40	2022
Lab presentation: A MEG study of the CALM and RED samples	4D Lab members	10	2022
The social history of autism	Academics, students, and members of the public at Luminomelia Cambridge	50	2022
Podcast interview (InVivo Biosystems): How brain-behaviour relationships vary on a transdiagnostic basis	Members of the public and InVivo Biosystems, a US-based biotech company	200	2022
Podcast interview (University of Alberta Neuroscience Students Association): Neuroscience and Mental Health	Neuroscientists and students at the University of Alberta	200	2022
Journal Club: Modelling the development of cortical systems networks	4D Lab Journal Club	15	2022
Journal Club: Atypical visual-auditory predictive coding in autism spectrum disorder	4D Lab Journal Club	15	2022
Journal Club: Dysfunction of the attentional brain network in children with Developmental Coordination Disorder	4D Lab Journal Club	15	2022
Journal Club: Neural dynamics of autistic behaviours: cognitive, emotional, and timing substrates	4D Lab Journal Club	15	2022

Exploring Neural Heterogeneity in Inattention and Hyperactivity	Academics attending the Wednesday Lunchtime Seminar at the MRC Cognition and Brain Sciences Unit	50	2022
Lab presentation: Transdiagnostic Neural Pathways to Inattention and Hyperactivity	4D Lab members	10	2021
Journal Club: A Field Guide to Causal Mechanisms	4D Lab Journal Club	15	2021
Journal Club: Whole-brain modelling of resting state fMRI differentiates ADHD subtypes and facilitates stratified neuro-stimulation therapy	4D Lab Journal Club	15	2021
Journal Club: What is the shape of developmental change?	4D Lab Journal Club	15	2021
Conception X Demo Day 2022: Cerebrum Tech	Directors, VCs, and accelerator participants at Conception X (Cohort IV)	100	2021
Documentary: Learnus visits the CALM Lab at the University of Cambridge	International, multidisciplinary, and general public	500+	2021
Journal Club: Building functional connectivity neuromarkers of behavioral self-regulation across children with and without Autism Spectrum Disorder	4D Lab Journal Club	15	2020