

COMP2PSYCH Academy 2023
Max Planck Institute for Human Development
Lentzeallee 94, 14195 Berlin (Dahlem)

Large conference room

Wednesday, November 8, 2023

13:00 – 14:00	Arrival of participants, lunch & coffee in MPIB foyer
14.00 – 14.15	Welcome Raymond J. Dolan & Ulman Lindenberger
14.15 – 15:00	Introduction of new doctoral students (since October 2023) 14:15 – 14.30 Fabio Bauer 14.30 – 14.45 Leah Holm-Mercer 14.45 – 15.00 Emma Müller-Seydlitz
15.00 – 15.30	Behavioural markers of pathological cognitive decline. Rita Moura Alexandre
15.30 – 16.00	Insight in adults, children and machines Anika Löwe
16.00 – 16.20	Discussion
16.20 – 16.50	Coffee break
16.50 – 17.20	Fast neural computations for neurological phenomena Xin Zhang
17.20 – 17.50	Exploring the association of the physical environment with brain structure and psychosis through Boruta Moana Beyer
17.50 – 18.10	Discussion
18.15	Walk to Luise Dahlem, Königin-Luise-Strasse 40-42, 14195 Berlin (near U-Bahnhof Dahlem-Dorf)
18.45	Dinner at Luise Dahlem

Thursday, November 9, 2023

09.30 – 10.00	Mind wandering mechanisms Cormac Dickson
10.00 – 10.30	Longitudinal assessments of neural and behavioural variability in aging Zoya Mooraj
10.30 – 10.50	Discussion
10.50 – 11.05	Coffee break
11.05 – 11.35	When in doubt use your priors: Risk and ambiguity aversion as rational probability weighting Erwann Le Lannou
11.35 – 12.05	The not-so-tiny blue spot: Dopaminergic and noradrenergic modulation of memory aging and synaptic plasticity Agnieszka Kulesza
12.05 – 12.25	Discussion
12.25 – 12.30	Group photo
12.30 – 13.15	Lunch break
13.15 – 13.45	Fluctuations in effort-based decision-making over time Samuel Hewitt
13.45 – 14.15	Bridging the Gap: Constructing Directed Acyclic Graphs for Multilevel Models Moritz Ketzer
14.15 – 14.35	Discussion
14.35 – 15.05	Coffee break
15.00 – 16:00	Closed session of faculty (room 299)
15.00 – 18.00	Workshop sessions: a) Thinking Bayesian Statistics (small conference room) b) An Introduction to the Julia Programming Language A fresh approach to scientific computing (large conference room)
18.00	Dinner at MPIB

Friday, November 10, 2023

09.30 – 10.00	The Role of habituation in risk-taking escalation Hadeel Haj-Ali
10.00 – 10.30	Deep learning-based prediction of environmental factors from 3d brain data Kira Pohlmann
10.30 – 10.50	Discussion
10.50 – 11.05	Coffee break
11.05 – 11.35	Intrinsic and Instrumental value: Domain-general principles determine choice across material, cognitive and visual domains India Pinhorn
11.35 – 12.05	Behavioural and linguistic manifestations of context manipulation in relation to semantic processing – from self-worth to suicide. Jakub Onysk
12.05 – 12.25	Discussion
12.25 – 13.15	Lunch break
13.15 – 13.45	A computational model of subjective hedonic experience in health and mental illness Anna Hall
13.45 – 14.15	Learning from disinformation Juan Vidal-Perez
14.15 – 14.35	Discussion
14.35 – 15.00	Closing Remarks Raymond J. Dolan & Ulman Lindenberger