

YOUR BRAIN – FOR LIFE!

CLOSING CONFERENCE FOR THE LIFE BRAIN CONSORTIUM

June 29th, 2022 • Oxford, Blavatnik School of Government



“Lifebrain” has harmonized, enriched, and exploited some of the largest longitudinal studies of age effects on brain, cognition, and mental health in Europe

PROGRAMME

09:00 – 09:15

WELCOME BY ORGANISERS

[Klaus Ebmeier](#), University of Oxford/Lifebrain

[Kristine Walhovd](#), University of Oslo/Lifebrain

SESSION 1

METHODOLOGY: Potential for MRI in large-scale brain studies

SESSION CHAIR: Klaus Ebmeier

09:15 – 09:35

KEYNOTE: Improving modelling for UKB brain imaging

[Stephen Smith](#), University of Oxford

09:35 – 09:55

Individual variations in brain age: capturing ongoing brain change or reflecting early-life differences?

[Didac Vidal Pineiro](#), University of Oslo/Lifebrain

09:55 – 10:10

Novel statistical tools in Lifebrain

[Ylva Köhncke](#), Max Planck Institute for Human Development/Lifebrain

10:10 – 10:40

Discussion

10:40 – 11:00

Coffee break

SESSION 2

LIFESPAN NEUROSCIENCE 1

SESSION CHAIR: [Ulman Lindenberger](#), Max Planck Institute for Human Development/Lifebrain

11:00 – 11:20

KEYNOTE: Imaging adaptive brain plasticity

[Heidi Johansen-Berg](#), University of Oxford

11:20 – 11:35

The role of general cognitive ability in brain reserve and maintenance

[Kristine Walhovd](#)

11:35 – 11:50	In search of factors that modify rates of neurocognitive ageing: the case of educational attainment Lars Nyberg , Umeå University/Lifebrain
11:50 – 12:05	The role of sleep in brain health and cognitive function Anders Fjell , University of Oslo/Lifebrain
12:05 – 12:30	Discussion
12:30 – 13:30	Lunch
SESSION 3	LIFESPAN NEUROSCIENCE 2 SESSION CHAIR: Kristine Walhovd
13:30 – 13:50	KEYNOTE: Characterizing and promoting brain health across the lifespan Alvaro Pascual-Leone , Harvard Medical School/Barcelona Brain Health Initiative
13:50 – 14:10	Lifestyle factors and brain health Naiara Demnitz , REGIONH/Lifebrain and Rik Henson , University of Cambridge/Lifebrain
14:10 – 14:25	Brain and depression over the lifespan Klaus Ebmeier
14:25 – 14:50	Discussion
14:50 – 15:10	Coffee break
SESSION 4	ETHICS AND SOCIETY SESSION CHAIR: Isabelle Budin-Ljøsne , Norwegian Institute of Public Health/Lifebrain
15:10 – 15:30	KEYNOTE: Ethics of large data community studies Michael Parker , University of Oxford, Ethox Centre
15:30 – 15:45	How to engage stakeholders in brain research? Isabelle Budin-Ljøsne
15:45 – 16:10	Discussion
16:10 – 16:20	Evaluation
16:20 – 16:30	Sum up of the day
16:30	Adjourn



The Lifebrain project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 732592.