

Brain and Cognitive Development Day 2019

18th of June, 2019

Hosted at the MRC Cognition and Brain Sciences Unit, Cambridge
Emerging Frontiers and Methods in Developmental Cognitive Neuroscience

9:30 – 11:30 am

Part I: Emerging Frontiers in Developmental Cognitive Neuroscience

Chair: Duncan Astle

- Talks: 15 mins + 3 mins Q&A each

	Title	Speaker(s)	Department
1	A transdiagnostic approach to children with problems in attention, learning and memory	Sue Gathercole & Joni Holmes	CBU
2	Communication, mental health and behavioural problems in developmentally at-risk groups	Joni Holmes	CBU
3	Uncovering mechanisms of developmental disorder - the SYT1 story (so far)	Kate Baker	CBU
4	Going global and the challenge of analysing multiple measures	Sarah Lloyd-Fox	Psychology
5	Computational models of learning in development and disorder	Becky Lawson	Psychology
6	Using genetics to understand heterogeneity within the autism spectrum	Varun Warriar	ARC

11:30 – 11:50 : Tea break (can be moved earlier if needed)

11:50 – 12:30 pm : Flash talks (5 min each)

12:30 – 1:15 pm : Lunch

1:15 – 3:15 pm

Part II: Emerging Methods in Developmental Cognitive Neuroscience

Chair: Victoria Leong

- Talks: 15 mins + 3 mins Q&A each

	Title	Speaker(s)	Department
1	Dyadic parent-infant EEG hyperscanning	Victoria Leong	Psychology
2	Diffuse Optical Imaging/Evelyn Perinatal Imaging Centre	Topun Austin	Pediatrics
3	Modeling developmental processes	Rogier Kievit	CBU
4	Machine learning	Duncan Astle	CBU
5	Neonatal MRI & fNIRS	John Suckling	Psychiatry
6	Motion capture with infants	Usha Goswami/post doc	Psychology

3:15 pm : Tea