Innovative data science for Alzheimer’s research
Data Workshop on Deep and Frequent Phenotyping in Neurodegeneration

09 – 11 October 2018

Agenda

The British Library
1st floor
96 Euston Road
NW1 2DB, UK

The Alan Turing Institute is located on the first floor of the British Library and can be accessed via the main doors from 09:30 onwards. Please allow 10 minutes for queuing when planning your journey.

Day 1
10:00 – 10:30  Registration
10:30 – 10:40  Introduction and welcome – Terry Lyons (The Alan Turing Institute and University of Oxford)
10:40 – 11:00  Objectives and challenges – Dennis Chan (University of Cambridge)
11:00 – 11:20  DFP study overview – Jen Lawson (University of Oxford)
11:20 – 11:35  Coffee break
11:35 – 12:05  Open research practices: beyond data sharing – Lara Mangravite (Sage Bionetworks)
12:05 – 12:35  DPUK data portal – Sarah Bauermeister (University of Oxford)
12:35 – 13:15  Lunch
13:15 – 14:45  DFP data modality presentations:
Ophthalmology – Imre Lengyel (Queen's University Belfast)
PET imaging – Roger Gunn (Imperial College London)
MRI imaging – Tom Whyntie (University of Oxford)
E/MEG imaging – Andrew Quinn (University of Oxford)
Gait – Christopher Buckley (Newcastle University)
Cognitive assessment – Francesca Cormack (Cambridge Cognition)
14:45 – 17:15  Datathon – coffee and tea available
17:15 – 17:45  Group discussion
17:45 – 18:30  Networking reception and event closes

This is a closed workshop and only successful applicants can attend
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Day 2
10:00 – 10:30  Detection of transient data using the signature – Hao Ni (UCL)
10:30 – 11:00  Using signatures to predict amyotrophic lateral sclerosis progression –
               Imanol Perez (University of Oxford)
11:00 – 13:00  Datathon – coffee and tea available
13:00 – 13:45  Lunch
13:45 – 14:15  The intersection of epilepsy and dementia - a therapeutic opportunity? –
               Arjune Sen (University of Oxford)
14:15 – 16:00  Datathon – coffee and tea available
16:00 – 17:00  Group reports
17:00 – 18:00  Event closes
18:00 – 20:30  Turing lecture: How smartphones and wearable technology can help in
               the care of chronic illnesses – Stephen Friend at Wellcome Collection (Sage
               Bionetworks)

Day 3
10:00 – 13:00  Datathon – coffee and tea available
13:00 – 14:00  Lunch
14:00 – 15:30  Datathon – coffee and tea available
15:30 – 17:00  Wrap up and panel discussion – Terry Lyons (The Alan Turing Institute and
               University of Oxford), Simon Lovestone (University of Oxford), Lotty Davies
               (Alzheimer’s Society) and Vanessa Raymont (University of Oxford)