09:20 Opening remarks

09:30 Keynote 1: Prof Richard Bowtell, Nottingham University
“The future of MRI in Healthcare”

10:00 Preclinical MRI – chaired by Steve Sawiak

10:00 “New Horizons for Preclinical MRI in Cambridge”
Dr Steve Sawiak

10:15 “Predictive endophenotypes of compulsive cocaine reinforcement assessed by neuroimaging across the lifespan”
Dr Jolyon Jones

10:25 Discussion – led by Chair and some junior volunteers

10:35 Data Blitz (3 x 3 min pre-recorded poster talks by junior scientists)

10:45 Coffee Break (e.g, break-out rooms)

11:00 Ultrasound – chaired by TC See

11:00 “Future Development of Ultrasound”
Dr Ed Godfrey

11:15 “Fusion ultrasound biopsy- experience in ovarian malignancy”
Dr Helen Addley

11:25 Discussion – led by Chair and some junior volunteers

11:35 Data Blitz (3 x 3 min pre-recorded poster talks by junior scientists)

11:45 Cardio imaging – chaired by Chris Rodgers

11:45 “What’s new and what’s next?”
Dr Bobby Agrawal, Royal Papworth
12:00  “Ex situ MRI of perfused hearts to assess metabolism and perfusion”
       Dr Jonathan Weir-McCall, Royal Papworth

12:10  Discussion – led by Chair and some junior volunteers

12:20  Data Blitz (3 x 3 min pre-recorded poster talks by junior scientists)

12:30  Lunch Break (e.g, break-out rooms)

13:30  **Vascular/stroke imaging** – chaired by Hugh Markus

       13:30  “Stroke Imaging to guide clinical management- what’s new?”
              Prof Hugh Markus

       13:45  “Imaging Neuroinflammation and blood brain barrier leakage as a cause
              of small vessel disease”
              Dr Robin Brown

       13:55  Discussion – led by Chair and some junior volunteers

14:05  Data Blitz (3 x 3 min pre-recorded poster talks by junior scientists)

14:15  **COVID imaging** – chaired by Evis Sala

       14:15  “A global AI tool for COVID-19 diagnosis and prognosis”
              Prof Carola Schoenlieb

       14:30  “Neuroimaging of COVID”
              Prof David Menon

       14:40  Discussion – led by Chair and some junior volunteers

14:50  Data Blitz (3 x 3 min pre-recorded poster talks by junior scientists)

15:00  End of Day 1, but zoom will remain open for talk replays/chat/breakouts
DAY 2

09:20 Opening remarks

09:30 Keynote 2: Prof Patricia Price, Imperial College London
“Whole Body PET - is this the future?”

10:00 Integrated Cancer Imaging – chaired by Lorena Escudero

10.00 “Integrated Cancer Imaging with a focus on Ovarian and Renal Cancer”
Prof Evis Sala

10.15 “Computerised image analysis for radiogenomics and precision oncology”
Dr Leonardo Rundo

10:25 Discussion – led by Chair and some junior volunteers

10:35 Data Blitz (3 x 3 min pre-recorded poster talks by junior scientists)

10:45 Coffee Break (e.g., break-out rooms)

11:00 Oncological Imaging – chaired by Leonardo Rundo

11.00 “Advanced Prostate Cancer Imaging - (is there a) Clinical Need?”
Dr Tristan Barrett

11.15 “Predicting complete pathological response to neoadjuvant chemotherapy in breast cancer: features from DCE-MRI”
Mrs Gabrielle Baxter

11:25 Discussion – led by Chair and some junior volunteers

11:35 Data Blitz (3 x 3 min pre-recorded poster talks by junior scientists)
11:45 Dementia – chaired by John O’Brien

11:45  “New directions in dementia imaging”
       Prof James Rowe

12:00  “Synaptic imaging in dementia and neurodegenerative disease”
       Dr Negin Holland

12:10  Discussion – led by Chair and some junior volunteers

12:20  Data Blitz (3 x 3 min pre-recorded poster talks by junior scientists)

12:30 Lunch Break (e.g, break-out rooms)

13:30 Cognitive Neuroscience – chaired by James Rowe

13:30  “New approaches in cognitive imaging”
       Prof Rik Henson

13:45  “Combining TMS and MRI”
       Dr Jade Jackson

13:55  Discussion – led by Chair and some junior volunteers

14:05  Data Blitz (3 x 3 min pre-recorded poster talks by junior scientists)

14:15 Mental Health – chaired by Ed Bullmore

14:15  “Getting under the surface of MRI in mental health disorders”
       Prof Ed Bullmore

14:30  “What can brain MRI tell us about schizophrenia?”
       Dr Sarah Morgan

14:40  Discussion – led by Chair and some junior volunteers

14:50  Data Blitz (3 x 3 min pre-recorded poster talks by junior scientists)

15:00 Poster Prizes, Goodbyes

End of Day 2, but zoom will remain open for talk replays/chat/breakouts

Prizes Sponsored by: TBC