

Cambridge Imaging Festival (VIRTUAL) 2021
Thursday 25th February & Friday 26th February
FINAL PROGRAMME
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www.mrc-cbu.cam.ac.uk/conferences/cif2021/

DAY 1

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
