

Programme

Day 1: Tuesday 25 th November		
From 12.00	Registration and lunch	Strauss Suite, County Hotel
13.00-13.10	Introduction and welcome	Andrew Sharott , University of Oxford
Review of the EPSRC/MRC Network+ in Neurotechnology		
13.10-13.25	Review of the Neuromod+ Network	Simon Schultz , Imperial College London
Neuromodulation for cognition and mental health		
13.25-13.45	Noninvasive brain stimulation for mental health – from the lab to the clinic, and back again	Camilla Nord , University of Cambridge
13.45-14.05	Rhythms and Circuits: neuromodulation strategies for memory and cognitive function	Ines Violante , King's College London
14.05-14.25	From Flickering movies and single-cell recordings to novel neurotechnology to restore human memory	Simon Hanslmayr , University of Glasgow
14.25-14.45	Panel discussion	
14.45-15.05	Coffee break	
Review of EPSRC/MRC Network+ in Neurotechnology		
15.05-15.20	Review of the CloseNIT Network	Andrew Jackson , Newcastle University
Implementation of Neurotechnology in Neurology and Psychiatry		
15.20-15.40	Adaptive DBS for Movement Disorders	Huiling Tan , University of Oxford
15.40-16.00	Neurotechnology treatments in clinical neuropsychiatry	Paul Shotbolt , Kings College London/Maudsley Hospital
16.00-16.20	Developing wearable median nerve stimulation for movement disorders	Stephen Jackson , University of Nottingham
16.20-16.40	MRI guided focused ultrasound for movement disorders: state of art and future directions	Antonella Macerollo , Walton Centre NHS Foundation Trust, University of Liverpool
16.40-17.00	Panel discussion	
Poster session		
17.00-18.00	Posters and networking	
18.00	Close	
19.00	Symposium dinner	<i>The Vermont Hotel*</i> , Gold Room, Castle Garth, Newcastle upon Tyne NE1 1RQ

*The Vermont Hotel is a 7-minute walk from the County Hotel.

Day 2: Wednesday 26 th November		
08.30-09.00	Coffee	
Review of the EPSRC/MRC Network+ in Neurotechnology		
09.00-09.15	Chronic Pain Neurotechnology Network	Aleksandra Vuckovic, University of Glasgow
Recent Advances in Materials, Devices and Interfaces		
09.15-09.35	An optoelectronic retinal prosthesis for sight restoration in blind patients	Keith Mathieson, University of Strathclyde
09.35-09.55	Thin film neurotechnology	George Malliaras, University of Cambridge
09.55-10.15	Devices to study the mechanism of ultrasound neuromodulation	Sophie Morse, Imperial College London
10.15-10.35	Transcranial Direct Current Stimulation (tDCS) using 'Flow' for treating depression and for treating insomnia in the NHS. Opportunities, challenges and overcoming challenges	Chris Griffiths, Northamptonshire Healthcare NHS Foundation Trust
10.35-10.55	Panel discussion	
10.55-11.10	Coffee break	
Commercialization and Regulation of Neurotechnology		
11.10-11.30	Neurotechnology, LifeTech, and Innovate UK Business Connect	Kelly Botham, Innovate UK
11.30-11.50	Commercializing Wearable Medical BCIs: Paving the Way for All BCIs	Damien Coyle, University of Bath
11.50-12.10	The National Consortium for Neurotechnology: Establishing Device Studies in the UK	Luke Bashford, Newcastle University
12.10-12.30	Non-invasive neurotech applications for women's health and their real-world impact	Emilè Radytė, Samphire Neuroscience
12.30-12.50	Panel discussion	
12.50-13.10	General discussion: Building a cohesive neurotechnology community in the UK	
13.10-14.00	Lunch	
14.00	End	