9th Annual Oxford Neuroscience Symposium 21 March 2018

Mathematical Institute, Andrew Wiles Building, University of Oxford

08.15	**Registration opens**
09.00	**Welcome** Prof. Kia Nobre, Chair Oxford Neuroscience Strategy Committee
	Session 1 **Chair: Professor Clare Mackay, Department of Psychiatry**
09.10	**The NIHR Oxford Health Biomedical Research Centre – powered by Oxford Neuroscience** Prof. John Geddes, NIHR Oxford Health BRC
09.30	**Digital phenotyping in personality disorder** Dr Kate Saunders, NIHR Oxford Health BRC
09.50	**Internet-delivered psychological treatments: Promises and challenges** Prof. Anke Ehlers, NIHR Oxford Health BRC
10.10	**Industry Talk - Academia-Industry collaborations: opportunities and challenges** Dr John Isaac. Senior Director, Neuroscience External Innovation at the Johnson & Johnson Innovation Centre in London
10.30	**Coffee**
	Session 2 **Chair: Associate Professor Saad Jbabdi, Nuffield Department of Clinical Department of Clinical Neurosciences**
11.20	**Evaluation of social interventions to promote social cohesion** Prof. Miles Hewstone, Dept. of Experimental Psychology
11.40	**Imaging the brain across spatial and temporal scales** Prof. Karla Miller, Nuffield Dept. of Clinical Neurosciences
12.00	**Predictive ensemble decoding of somatosensory-guided behaviour** Dr Michael Kohl, Dept. of Physiology Anatomy and Genetics
12.20	**Brain Mechanisms of Breathlessness Perception** Assoc. Prof. Kyle Pattinson, Nuffield Dept. of Clinical Neurosciences
12.40	**Lunch Elsevier Publishing Workshop 13.10 – 14.00 Lecture Theatre 2**
	Session 3 Rapid Fire Talks **Chair: Associate Professor Grant Churchill, Department of Pharmacology**
14.10	**Motivation by reward in health and disease** Assoc. Prof. Sanjay Manohar, Nuffield Dept. of Clinical Neurosciences
14.15	**Computational models of social decision-making** Dr Patricia Lockwood, Dept of Experimental Psychology
14.20	**Amyloid beta-induced synaptic and cognitive impairments are mediated via autonomous enhancement of presynaptic function** Dr Alexander Jeans, Dept of Pharmacology
14.25	**Oxford study in Quantification of Parkinsonism (OxQUIP) - eye movements, gait tracking and cognitive function** Assoc. Prof. Chrystalina Antoniades, Nuffield Dept. of Clinical Neurosciences
14.30	**How to build spiking neural network models with a defined computational function** Dr Friedemann Zenke, Centre for Neural Circuits and Behaviour

14.35	**Rapid forgetting in health and disease** Dr Nahid Zokaei, Dept of Experimental Psychology
14.40	**What happens after early intervention? Using health data to measure outcomes following treatment for First Episode Psychosis** Dr Stephen Puntis, Dept. of Psychiatry
14.45	**Synaptic organization of visual space in primary visual cortex** Dr María Florencia Iacaruso, Dept. of Physiology Anatomy and Genetics
14.50	**Coffee**
	Session 4 **Chair: Associate Professor David Dupret, Department of Pharmacology**
15.40	**Cognitive co-morbidity in the general hospital: using the electronic patient record to drive better care** Assoc. Prof. Sarah Pendlebury, Nuffield Dept. of Clinical Neurosciences, NIHR OUH BRC
16.00	**Embryonic progenitor pools and the development of fine-scale neural circuits** Dr Tommas Ellender, Dept of Pharmacology,
16.20	**The Oxford McGill Zurich Partnership in the Neurosciences** Prof. Anne McKinney, McGill University, Montreal, Canada.
16.30	**Awards Presentation -** Prof. Kia Nobre
16.40	**Guest Lecture – Neuroscience: time for a psychedelic enlightenment?** Prof David Nutt, Edmond J Safra Chair in Neuropsychopharmacology, Department of Medicine, Imperial College, London
17.30	**Drinks Reception**