



FINAL PROGRAMME

Wednesday-Thursday 2nd-3rd November 2011

Clinical Neurosciences Centre, 33 Queen Square, London, WC1N 3BG

On-line pre-registration:

To help us organise the catering, please let us know if you intend to come to the meeting.

Simply fill in the form here: <http://www.the-bns.org/preregistration.html>

Registration cost:

FREE for BNS members, £10 for students and unwaged participants, £20 for all others. Please pay at the venue. Why not become a member and come for free?

<http://www.the-bns.org/membership.html>

DAY 1: Wednesday, 2nd November 2011

8.30 REGISTRATION OPENS

SYMPOSIUM: *"The Challenge of Early Diagnosis of Alzheimer's Disease and other Dementias: Neuroimaging and Neuropsychological Strategies"*. Organised by **Dr. Dennis Chan** (Brighton and Sussex Medical School)

9.00 Introduction to Symposium: Dennis Chan

9.15 **Detecting cognitive change in individuals at-risk from inherited degenerative conditions**
Sebastian Crutch, Institute of Neurology, UCL, London

9.45 **Does imaging in suspected dementia have a role beyond excluding the occasional, unexpected brain tumour?**
Peter Nestor, University of Cambridge

10.15 TEA

10.45 **The effect of APOE genotype on brain structure and function**
Clare Mackay, University of Oxford

11:15 **The complimentary role of neuropsychological and neuroimaging data in identifying the earliest stages of Alzheimer's Disease**
Marilyn Albert, The John Hopkins Medical School, USA

FREE PAPERS

11.45 **Neuropsychological Correlates of Awareness of Memory Dysfunction in Early-stage Alzheimer's disease and vascular dementia**
R. G. Morris, L. Clare, S.M. Nelis, A. Martyr, I. Markova, I. Roth, R. T. Woods, C.J. Whitaker

12.15 **Are saccadic eye movements a potential biological marker for Alzheimer's disease?**
Trevor J. Crawford, Department of Psychology, Lancaster University, Lancaster

12.45 LUNCH

14.00 **Effect of white fish consumption on cognitive function in the elderly**
Elizabeth Walters and Dr. Valerie Lesk; University of Bradford, Division of Psychology

SYMPOSIUM: *Celebrating the 20th Anniversary of 'Neuropsychological Rehabilitation', Sponsored by Psychology Press. Organised by Prof. Matt Lambon-Ralph (University of Manchester)*

14.30 **Twenty Years of Neuropsychological Rehabilitation: Highlights and Reflections**
Barbara Wilson, University of Cambridge

15.00 **Can neuropsychological rehabilitation help people to live well with age-related neurodegenerative conditions?**
Linda Clare, University of Bangor

15.30 COFFEE

16.00 **Alexia and agraphia: cognitive and neural correlates of functional impairment and recovery**
Steven Rapcsak, University of Arizona, USA

16.30 **Memory training and transfer: Current status and future possibilities**
Lars Nyberg, Umeå University, Sweden

FREDA NEWCOMBE LECTURE, Sponsored by Wiley-Blackwell

17:00 **'As Big a Threat as Global Warming': Can Neuropsychology help delay Cognitive Ageing?**
Prof. Ian Robertson; Institute of Neuroscience, Trinity College Dublin

18:00 DRINKS RECEPTION (Old Board Room, National Hospital for Neurology and Neurosurgery)

19:30 CONFERENCE MEAL (pre-booking essential; Salaam Namaste, 68 Millman Street)

DAY 2: Thursday 3rd November 2011

8:30 REGISTRATION OPENS

9:00 **Brain imaging evidence for compensatory neural re-organisation in Tourette syndrome**
Stephen R Jackson^{1,2}; Amy Parkinson¹; Jeyoung Jung²; Suzanne E Ryan³; Paul S Morgan⁴; Chris Hollis³; Georgina M Jackson³
School of Psychology, University of Nottingham, UK¹
WCU Department of Brain and Cognitive Engineering, Korea University, South Korea²
Division of Psychiatry, University of Nottingham, UK³
Department of Academic Radiology, University of Nottingham, UK⁴

9:30 **Tool use and the left hemisphere: what is lost in apraxia?**
Alan Sunderland¹, Leigh Wilkins¹ and Rob Dineen²
¹School of Psychology & ²Division of Academic Radiology, University of Nottingham, Nottingham

10:00 **Motor imagery efficacy in stroke recovery**
Magdalena Ietswaart; Marie Johnston; H. Chris Dijkerman; Clare L Scott, Sara A Joice; Ronald S. MacWalter; Steven Hamilton.

10:30 POSTER SESSION (COFFEE SERVED)

Structural MRI changes detectable up to ten years before cognitive impairment due to AD
Giovanna Zamboni, MD^{2,3}, Manuela Tondelli, MD¹, Paolo Nichelli, MD¹, Celeste A. De Jager, PhD², Mark Jenkinson, DPhil³, Gordon K. Wilcock, MD²
¹Dipartimento di Neuroscienze, Università di Modena e Reggio Emilia, Italy; ²Oxford Project to Investigate Memory and Ageing (OPTIMA), Nuffield Department of Clinical Medicine, University of Oxford, UK; ³FMRIB Centre, University of Oxford, UK

Home-based visual exploration training for patients with visual field deficits.
Lina Aimola¹, Daniel T. Smith¹, Alison R. Lane¹ and Thomas Schenk²,
¹ Cognitive Neuroscience Research Unit, University of Durham, UK; ²Neurologische Klinik, Universitätsklinikum Erlangen, Germany

Investigating functional vision in Posterior Cortical Atrophy: Perception of faces, scenes and objects
Tim Shakespeare, Keir Yong, Prof. Elizabeth Warrington, Dr. Sebastian Crutch
Dementia Research Centre, Institute of Neurology, University College London

Integrating neuropsychology into stroke rehabilitation: the Dressing Rehabilitation Stroke Study (DRESS) pilot randomised trial.
Sunderland A*, Walker MF[#], Fletcher-Smith J[#], Drummond A[#], Logan P[#], Edmans J[#], Garvey K[#], Dineen R[¶], Ince P[#], Horne J[#], Taylor J[#].
*School of Psychology, Division of Rehabilitation and Ageing[#], [¶]Division of Academic Radiology, University of Nottingham, U.K.

Neuropsychological rehabilitation of anosognosia for hemiplegia: Suggestions for future therapies
Paul M Jenkinson¹, Catherine Preston² & Simon J Ellis³
¹School of Psychology, University of Hertfordshire, UK; ²School of Social Sciences, Nottingham Trent University, UK; ³Department of Neurology, University Hospital of North Staffordshire, UK

Differential cognitive profiles between patients with schizophrenia and bipolar disorders: Evidence from prospective memory
Raymond C. K. Chan¹, Ya Wang¹, Simon S. Y. Lui^{1,2,3}, Amy C. Y. Liu³, William W. H. Chui³, Qi-yong Gong⁴, David Shum⁵, Eric F. C. Cheung³
1: Neuropsychology and Applied Cognitive Neuroscience Laboratory; Key Laboratory of Mental Health, Institute of Psychology, Chinese Academy of Sciences, Beijing, China;
2: Graduate School, Chinese Academy of Sciences, Beijing, China;
3: Castle Peak Hospital, Hong Kong Special Administrative Region, China;
4: Huaxi MR Research Centre, Department of Radiology, West China Hospital / West China School of Medicine, Sichuan University, Chengdu, China
5: School of Psychology and Griffith Health Institute, Griffith University, Brisbane, Australia

Examining reading deficits in the visual variant of Alzheimer's disease
Keir Yong, Dr. Sebastian Crutch, Prof. Elizabeth Warrington Dementia Research Centre, Institute of Neurology, University College London

Automatic Guidance of Auditory Attention from Working Memory
Kamelia Morady; Glyn W Humphreys; University of Birmingham

Thalamic lesions impair memory guidance of visual selection
Jose Teles, Paul Bentley and David Soto, Centre for Neuroscience, Imperial College London

11:30 **Episodic memory decline in Idiopathic Non-dementing Parkinson's disease: Challenging assumptions and implications for rehabilitation.**
Dr NMJ Edelstyn (Keele University), A.R.Mayes (University of Manchester), T.S.Shepherd (Keele University), S.M. Sherman (Keele University) and S.J. Ellis (University Hospital of North Staffordshire).

- 12:00 **Executive functioning and activities of daily living in early dementia: A correlational meta-analysis**
A. Martyr and L. Clare; School of Psychology, Bangor University, UK
- 12:30 **Dissociating attention, inhibition and response control using fMRI**
Chris Dodds (BCNI, University of Cambridge and GSK), Sharon Morein-Zamir (BCNI and Department of Psychiatry, University of Cambridge) & Trevor Robbins (BCNI and Department of Experimental Psychology, University of Cambridge)
- 13:00 LUNCH
- 14:00 THE JOHN MARSHALL MEMORIAL DEBATE
"Executive Functions: Divide and Conquer?"
Prof. John Duncan (MRC CBU, University of Cambridge) and
Prof. Tim Shallice (UCL and SISSA, Italy)
- 15:30 CLOSE

BNS Spring Meeting 2012

Wednesday and Thursday, 28th – 29th March

Clinical Neurosciences Centre, 33 Queen Square, London, WC1N 3BG

"The Social Brain - in Action and at "Rest" - in Autism Spectrum Disorders"

Alex Martin (NIH, USA) will deliver the President's Invited Lecture

"Seeing why they can't see: Neuropsychological and Neuroimaging Investigations of Visual Disintegration in Posterior Cortical Atrophy"

Sebastian Crutch (UCL) will deliver the Elizabeth Warrington Prize Lecture

SYMPOSIUM: *"The Organisation of Conceptual Knowledge: A Role for Embodied Cognition?"*

Speakers include **Martin Fischer, Friedemann Pulvermuller, Gabriella Vigliocco, Tim Shallice and Karalyn Patterson (Chaired by Matt Lambon-Ralph)**

SYMPOSIUM: *"The Neuropsychology of Autism"*

Speakers to be confirmed

THE CALL FOR ABSTRACTS IS NOW OPEN (until 10th November 2011)

Please submit a 250 word abstract structured with the following subheadings: objectives, methods, results and conclusions. Specify preference for poster or oral presentation.

Email to Jamie Ward, Meetings Secretary: jamiew@sussex.ac.uk