



AUTUMN MEETING OF THE BRITISH NEUROPSYCHOLOGICAL SOCIETY

Thursday 1st November 2018

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

Online Registration and Payment:

To help us organise the catering, please let us know if you intend to come to the meeting. This applies both to members and non-members. Simply fill in the form here:

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

The meeting is FREE for members of the BNS. Non-members are requested to pay in advance preferably using PayPal (at the link above) or by cheque payable to 'British Neuropsychological Society' and sent to Dr Sarah E. MacPherson, Department of Psychology, The School of Philosophy, Psychology and Language Sciences, University of Edinburgh, 7 George Square, Edinburgh, EH8 9JZ; sarah.macpherson@ed.ac.uk). The cost is £15/€17 for students and unwaged participants, £25/€30 for all others. Early registration closes one week prior to the meeting but you can also pay on the door (at the higher rate of £20/€30).

Abstracts

Abstracts for all presentations at <http://www.the-bns.org/meetings.html>

9.00 **REGISTRATION OPENS**

9.15 **Welcome**

From Rosaleen McCarthy (*President, BNS*)

9.20 **The importance of the ventromedial prefrontal cortex for memory for life-like events**

C. M. Bird ¹, C. S. Oedekoven ¹, P. Raykov ¹, J. L. Keidel ¹, K. Bromis ¹, M Raczek ²
¹ *School of Psychology, University of Sussex, UK;* ² *Old Age Psychiatry, Sussex Partnership NHS Foundation Trust, Worthing, UK*

9.40 **Core regions for syntactic processing? A tDCS study on the language network**

M. Garraffa ¹, A Sedda ¹
¹ *Department of Psychology, School of Social Sciences, Heriot-Watt University UK*

10.00 **The Sex Factor: Is the assessor equitable to male and female infants during developmental assessments?**

Andrew Chew ¹, Serena Counsell ¹, Mary Rutherford ¹, Alexandra Bonthron ¹, Chiara Nosarti ¹
¹ *Centre for the Developing Brain, King's College London, St Thomas' Hospital, London, UK*

10.20 **POSTER SESSION**

with tea and coffee

11.00 **The fate of 1st and 2nd languages in bilingual patients with semantic dementia**

R. Ellajosyula ¹, J. Narayanan ¹, K. Patterson ²
¹ *Departments of Neurology, Manipal and Annasawmy Mudaliar Hospitals, Bangalore, India;* ² *Department of Clinical Neurosciences and MRC CBU, University of Cambridge, UK*

11.20 **The influence of aetiology and cognitive reserve on cognitive performance in patients with focal frontal and non-frontal lesions**

S. E. MacPherson ¹, M. Allerhand ², S. Gharooni ³, D. Smirni ⁴, T. Shallice ^{6,7}, E. Chan ³, L. Cipolotti ³
¹ *Human Cognitive Neuroscience, Department of Psychology, University of Edinburgh, Edinburgh, UK;* ² *Department of Psychology, University of Edinburgh, Edinburgh, UK;* ³ *Department of Neuropsychology, National Hospital for Neurology and Neurosurgery, London, UK;* ⁴ *Dipartimento di Scienze Psicologiche, Pedagogiche e della Formazione, Università degli Studi di Palermo, Palermo, Italy;* ⁶ *Institute of Cognitive Neuroscience, University College London, UK;* ⁷ *International School for Advanced Studies (SISSA-ISAS), Trieste, Italy*

11.40 **Neglect Dyslexia as a Word-Centred Impairment: A Single Case Study**

M. Moore ¹, N Demeyere ¹
¹ *Cognitive Neurology Centre, Department of Experimental Psychology, University of Oxford, UK*

12.00 **Neuropsychological Assessment and Amyotrophic Lateral Sclerosis: A Systems Approach Clinic to Controlled Trial**

T. Burke ^{1,2,3}, O. Hardiman ^{1,2}, N. Pender ^{1,2}
¹ *Beaumont Hospital, Dublin, Ireland;* ² *Academic Unit of Neurology, Trinity College Dublin, Ireland;* ³ *School of Psychology, University College Dublin, Dublin, Ireland.*

12.20 **Humphreys and Riddoch Prize: data blitz session**

12.30 **LUNCH BREAK & BNS Executive Committee meeting**
Lunch is not provided

13.30 **POSTER SESSION**

14.00 **Awarding of the Humphreys and Riddoch Prize**

14.05 **Age-related changes in semantic cognition and their effects on coherent speech production**
P. Hoffman¹, E. Loginova¹, A. Russell¹
¹ *University of Edinburgh, UK*

14.25 **Aiming for generalisation in language rehabilitation**
L. Meteyard¹, W. Doedens¹, A. Bose¹
¹ *ABCD Lab, University of Reading, UK*

14.45 **BREAK** (with tea and coffee)

SYMPOSIUM: "USING COGNITIVE NEUROSCIENCE TO UNDERSTAND AND REHABILITATE LANGUAGE IMPAIRMENTS"

15.00 Mechanisms underlying spoken language production: facilitating frontal brain networks following aphasic stroke
Prof Jenny Crinion
Institute of Cognitive Neuroscience, University College London, UK

15.30 Predicting behavioural deficits in chronic post-stroke aphasia using multi-modal imaging
Dr Ajay Halai
MRC Cognition and Brain Sciences Unit, Cambridge, UK

16.00 Understanding deficits of semantic cognition: insights from neuroimaging and neurostimulation
Prof Beth Jefferies
Department of Psychology, University of York, UK

16.30 Predicting aphasic patients' responses to speech therapy: brain, behaviour, both or neither?
Prof Alex Leff
Institute of Cognitive Neuroscience, University College London, UK

17.00 Discussion
Chaired by **Prof Karalyn Patterson**
Department of Clinical Neurosciences and MRC CBU, University of Cambridge, UK

17:25 Closing remarks

17:30 **DRINKS RECEPTION** in the Foyer outside the Basement Lecture Theatre, 33 Queen Square.

POSTER PRESENTATIONS (alphabetical order)

Combining action observation and motor imagery to increase functional independence in Parkinson's disease

Judith Bek¹, Paul Holmes², Jordan Webb¹, Chesney Craig², Zoe Franklin², Matthew Sullivan², Emma Gowen¹, Ellen Poliakoff¹

¹ *University of Manchester*; ² *Manchester Metropolitan University*

Show me the way: Gesturing about space in Parkinson's

Stacey Humphries^{1,2}, Judith Holler³, Trevor Crawford⁴, Ellen Poliakoff¹

¹ *University of Manchester*; ² *University of Pennsylvania*; ³ *Max Planck Institute for Psycholinguistics*; ⁴ *University of Lancaster*;

Healthy ageing reduces the precision of episodic memory retrieval

Saana M. Korkki¹, Franziska R. Richter², Priyanga Jeyarathnarajah¹, Jon S. Simons¹

¹ *Department of Psychology, University of Cambridge, Cambridge, United Kingdom*; ² *Institute of Psychology, University of Leiden, Leiden, Netherlands*

An investigation into emotional lability in Limbic Encephalitis: comparing a novel and an established measure

L. Moore¹, N. Hinvest¹, C. Butler²

¹ *Department of Psychology, University of Bath*; ² *Nuffield Department of Clinical Neurosciences, University of Oxford*

Eye Movements in Developmental Prosopagnosia and Autism-Spectrum Conditions in Adulthood

Ebony Murray¹, Stephanie Chase¹, Nicola Gregory¹, Rachel Moseley¹, Sarah Bate¹

¹ *Department of Psychology, Bournemouth University, UK*

Shared contextual knowledge strengthens inter-subject synchrony and pattern similarity in the semantic network

P.P. Raykov¹, J.L. Keidel¹, J. Oakhill¹, C.M. Bird¹

¹ *School of Psychology, University of Sussex, UK*

Feature-Weighted Retrieval of Memories with Affective Content

Matthew Spriggs¹, Louis Renoult¹

¹ *UEA School of Psychology*

What Makes for a Successful Word-Finding Therapy? A Meta-Analysis of Single-Word Naming Intervention Studies

Sze, Wei Ping¹, Hameau, Solène^{2,3}, Warren, Jane E.¹, Best, Wendy¹

¹ *Division of Psychology and Language Sciences, University College London*; ² *Department of Cognitive Science, Macquarie University*; ³ *ARC Centre of Excellence in Cognition and its Disorders*

Randomized trial of iReadMore word reading training and brain stimulation in central alexia

Zoe Woodhead^{1,2}, Sheila Kerry², Oscar Aguilar^{2,3}, Yean-Hoon Ong², John Hogan², Katerina Pappa², Alex Leff², Jenny Crinion²

¹ *University of Oxford*; ² *University College London*; ³ *Pontificia Universidad Javeriana, Colombia*.