JOINT MEETING OF THE BRITISH NEUROPSYCHOLOGICAL SOCIETY
with THE BRITISH PSYCHOLOGICAL SOCIETY’S
DIVISION OF NEUROPSYCHOLOGY

Thursday 16th – Friday 17th March 2017
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 £10/€12 for students and unwaged participants, £20/€24 for all others. Early registration closes two weeks prior to the meeting but you can also pay on the door (at the higher rate of £15/£25).

Conference Meal
Will take place on Thursday 16th March at 8pm at Karpo Restaurant, 23-27 Euston Rd, London NW1 2SD. Cost: £40/€48 or £30/€36 (students or unwaged) including drinks. Payable using PayPal (via BNS website) or cheque (to “British Neuropsychological Society”) to Dr Sarah MacPherson, BNS Treasurer, Department of Psychology, School of Philosophy, Psychology and Language Science, University of Edinburgh, 7 George Street, Edinburgh, EH8 9JZ. Email: sarah.macpherson@ed.ac.uk. Deadline to register for the meal: Wednesday 1st March

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

Thursday 16th March

9.00  REGISTRATION OPENS

9.50  Welcome
From Julie Snowden (President, BNS)

10.00  Talking with hands: body representation in British Sign Language signers
Anna Sedda¹, Francesca G. Magnani¹,², Cristian Colzi¹, Graham Turner³, Maria Garraffa¹
¹ Psychology Department School of Social Sciences Heriot Watt University UK, ² Psychology Department University of Pavia Italy, ³ Dept. of Languages & Intercultural Studies School of Social Sciences Heriot Watt University UK

10.30  Speech-Gesture Integration in Aphasic and Apraxic Patients
Anna Krason¹, Gabriella Vigliocco¹, Laurel Buxbaum²
¹ University College London, London, UK, ² Moss Rehabilitation Research Institute, Philadelphia, USA

11.00  POSTER SESSION
with tea and coffee

11.30  Continuous conceptual integration whilst viewing naturalistic events
James L. Keidel¹, Christiane S.H. Oedekoven¹, Andreea C. Tut¹, Chris M. Bird¹
¹ School of Psychology, University of Sussex, UK

12.00  “Fly me to the Moon” – Exploring semantic contributions to plausible and implausible event construction in semantic dementia
Muireann Irish¹,², Annu Mothakunnel¹, John Hodges¹,², Olivier Piguet¹,²
¹ School of Psychology, the University of Sydney, Australia, ² Australian Research Council Centre of Excellence in Cognition and its Disorders, Sydney, Australia

12.30  A systems-level approach to the semantic network
Scott L. Fairhall¹
¹ Center for Mind/Brain Sciences, University of Trento, Italy

13.00  LUNCH BREAK & BNS Executive Committee meeting
Lunch is not provided
14.30 Dynamic modulation of the semantic network after left or right anterior temporal lobe resection
Grace E Rice¹, Helen Caswell², Perry Moore³, Paul Hoffman⁴, Matthew A Lambon Ralph¹
¹Neuroscience and Aphasia Research Unit (NARU), University of Manchester, UK, ²Department of Clinical Neuropsychology, Salford Royal Hospital, Manchester, UK, ³The Walton Centre NHS Foundation Trust, Liverpool, UK, ⁴Centre for Cognitive Ageing and Cognitive Epidemiology (CCACE), Department of Psychology, University of Edinburgh, UK

15.00 Multivariate MEG analysis of visual object naming across the lifespan
Rose Bruffaerts¹,², Alex Clarke¹, Billi Randall¹, Cam-CAN³, Lorraine K. Tyler¹
¹Centre for Speech, Language and the Brain, Department of Psychology, University of Cambridge, UK; ²Laboratory for Cognitive Neurology, Department of Neurosciences, University of Leuven, BE; ³Neurology Department, University Hospitals Leuven, BE; ⁴Cambridge Centre for Ageing and Neuroscience (Cam-CAN), University of Cambridge and MRC Cognition and Brain Sciences Unit, Cambridge, UK

15:30 Functional compensation in the semantic control system revealed by brain stimulation and stroke aphasia neuroimaging studies
Glyn Hallam¹, Hannah Thompson², Jonny Smallwood¹, Elizabeth Jefferies¹
¹Department of Psychology, University of York, UK, ²Department of Psychology, University of Surrey, UK

16.00 POSTER SESSION
with tea and coffee

16:30 The Freda Newcombe Lecture
Matthew Lambon-Ralph
Neuroscience and Aphasia Research Unit (NARU), Division of Neuroscience and Experimental Psychology, School of Biological Sciences, University of Manchester

17:30 DRINKS RECEPTION in the foyer, followed by conference meal at Karpo (pre-booking essential)
Friday 17th March

Joint meeting with the BPS Division of Neuropsychology

8.45 REGISTRATION OPENS

9.10 Welcome
Julie Snowden (President, BNS) and Katherine Carpenter (Chair, BPS Division of Neuropsychology)

9.20 Attention and visuo-spatial function in children aged 6-8 years without cerebral palsy, who were cooled for neonatal encephalopathy; preliminary evidence of dorsal stream vulnerability
James Tonks¹,²,³, Richard Lee-Kelland¹, Sally Jary¹, Marianne Thoresen¹,⁴, Frances Cowan¹, Ela Chakkarapani¹
¹ University of Bristol, Bristol, UK; ² University of Lincoln, Lincoln, UK; ³ University of Exeter Medical School, Exeter, UK; ⁴ University of Oslo, Norway

9.40 Temporal information in mild cognitive impairment
Deborah Talamonti¹, Rebecca Koscik², Sterling Johnson², Davide Bruno¹
¹ School of Natural Sciences and Psychology, Liverpool John Moores University, Liverpool, UK; ² Wisconsin Alzheimer’s Institute, School of Medicine and Public Health, University of Wisconsin- Madison, Madison, WI, USA

10.00 POSTER SESSION
with tea and coffee

JOINT BNS AND DON SYMPOSIUM ON EXECUTIVE FUNCTIONS

10.30 Sarah MacPherson
Human Cognitive Neuroscience and Centre for Cognitive Aging and Cognitive Epidemiology, University of Edinburgh, UK

11.00 Fergus Gracey
Dept of Clinical Psychology, Norwich Medical School, University of East Anglia, UK

11.30 Emmanuelle Volle
FrontLab – Brain and Spine Institute (ICM), Salpêtrière hospital, Paris, France

12.00 Paul Burgess
UCL Institute of Cognitive Neuroscience, University College London, UK

12.40 Discussion
Chaired by Katherine Carpenter

13.00 LUNCH BREAK & BNS Annual General Meeting (30 mins)
Lunch is not provided
14.00 POSTER SESSION

14.30 The Brixton test in frontotemporal dementia
P. Sulakshana Rao¹, Jennifer M. Harris², Jennifer C. Thompson², Aparna Dutt¹, Julie S. Snowden²
¹Neuropsychology and Clinical Psychology Unit, Duttanagar Mental Health Centre, Kolkata, India; ²Cerebral Function Unit, Neuroscience Centre, Salford Royal NHS Foundation Trust, Salford and Division of Neuroscience and Experimental Psychology, University of Manchester, Manchester, UK

14.50 Investigating the development of executive functions in adolescence
Thalia E. Theodoraki¹, Sarah McGeown², Sarah E. MacPherson¹
¹School of Philosophy, Psychology and Language Sciences, University of Edinburgh, Edinburgh, UK; ²Moray House School of Education, University of Edinburgh, Edinburgh, United Kingdom

15:10 Executive functioning in non-fluent aphasia
Luke Kendrick¹, Holly Robson¹, Judi Ellis¹, Lotte Meteyard¹
¹School of Psychology and Clinical Language Sciences, University of Reading

15:20 The frontal paradox demonstrated in patients with focal neurosurgical prefrontal lesions using virtual reality measurement of multi-tasking
Tanya Denmark¹, Jessica Fish¹, Ashok Jansari³, Jignesh Tailor⁴, Keyoumars Ashkan¹, Robin Morris¹,²
¹Institute of Psychiatry, Psychology and Neuroscience, Kings College London, UK; ²The Oliver Zangwill Centre for Neuropsychological Rehabilitation, Cambridgeshire Community Services NHS Trust, Ely, UK; ³Department of Psychology, Goldsmiths University of London, UK; ⁴Department of Neurosurgery, Kings College Hospital, London, UK; ⁵Department of Clinical Neuropsychology, Kings College Hospital, London, UK

15:40 CLOSING REMARKS

16.00 CLOSE OF MEETING
POSTERS

Thursday 16\textsuperscript{th} March

Predicting the pattern and severity of chronic post-stroke language deficits from functionally-partitioned structural lesions
Ajay D. Halai\textsuperscript{1}, Anna M. Woollams\textsuperscript{1}, & Matthew A. Lambon-Ralph\textsuperscript{1}
\textsuperscript{1}Neuroscience and Aphasia Research Unit, Division of Neuroscience & Experimental Psychology, Faculty of Biology, Medicine and Health, University of Manchester, UK.

Phrase frequency effects in aphasia
C. Heilemann\textsuperscript{1}, R. Varley\textsuperscript{1}, V. Zimmerer\textsuperscript{1}, & S. Beeke\textsuperscript{1}
\textsuperscript{1}Department of Language & Cognition, Division of Psychology and Language Sciences, University College London, UK.

GABA concentrations in the anterior temporal lobe predict human semantic processing
JeYoung Jung\textsuperscript{1}, Stephen R. Willimans\textsuperscript{2} & Matthew A. Lambon-Ralph\textsuperscript{1}
\textsuperscript{1}Neuroscience and Aphasia Research Unit (NARU), School of Psychological Sciences, University of Manchester, UK. \textsuperscript{2}Imaging Sciences and Biomedical Engineering, University of Manchester, UK.

Behavioural patterns and lesion correlates of noun and verb processing in post-stroke aphasia
Reem S.W. Alyahya\textsuperscript{1,2}, Ajay Halai\textsuperscript{1}, Paul Conroy\textsuperscript{1}, Matthew A. Lambon Ralph\textsuperscript{1}
\textsuperscript{1}Neuroscience and Aphasia Research Unit, University of Manchester, UK. \textsuperscript{2}King Fahad Medical City, Saudi Arabia.

‘Morphemic’ intrusion errors during administration of Chinese verbal learning task in patients with Alzheimer’s disease
Pei Shi Chia\textsuperscript{1,2}, Sze Yan Tay\textsuperscript{1}, Lysia Tan\textsuperscript{1}, Kinjal Doshi\textsuperscript{1}, Christopher Gabriel\textsuperscript{1}, Shahul Hameed\textsuperscript{1,2}, Eng King Tan\textsuperscript{1,2}, Simon Kang Seng Tinga\textsuperscript{2}
\textsuperscript{1}Department of Neurology, Singapore General Hospital, Singapore. \textsuperscript{2}National Neuroscience Institute, Singapore.

Friday 17\textsuperscript{th} March

Mutations in the KCNJ11 gene cause a range of neurodevelopmental phenotypes as well as neonatal diabetes
P. Bowman\textsuperscript{1,2}, M. H. Shepherd\textsuperscript{1,2}, B.A. Knight\textsuperscript{1,2}, E. Broadbridge\textsuperscript{3,4}, L. Pettig\textsuperscript{3,4}, MC Reville\textsuperscript{3,4}, SE Flanagan\textsuperscript{1}, TJ Ford\textsuperscript{1}, AT Hattersley\textsuperscript{1,2}, J Tonks\textsuperscript{3,4}
\textsuperscript{1}University of Exeter Medical School, Exeter, UK. \textsuperscript{2}Royal Devon and Exeter NHS Foundation Trust, Exeter, UK. \textsuperscript{3}University of Exeter Department of Psychology, UK. \textsuperscript{4}Dame Hannah Rogers Trust, Newton Abbot, UK.

Reality monitoring in stroke patients unaware of their memory deficits
Silvia Chapman\textsuperscript{1,2,3}, Ayat Abdurahman\textsuperscript{1,2}, Stephanie Cosentino\textsuperscript{2} & Gianna Cocchini\textsuperscript{1,3}
\textsuperscript{1}Psychology Department, Goldsmiths, University of London, London, UK. \textsuperscript{2}Cognitive Neuroscience division, Department of Neurology, Columbia University Medical Center, N.Y., USA. \textsuperscript{3}Department of Neurology, St George’s hospital NHS, London, UK.
Establishing Effective Neuropsychological Measures in Assessment of Normal Pressure Hydrocephalus
Coman, H.¹, Pengas G. & McCarthy R.A.¹
¹Department of Neuropsychology, Wessex Neurosciences Centre, Southampton University Hospital NHS Trust, Southampton, UK

Systematic review of the impact of cognitive impairment on health-related quality of life in people with multiple sclerosis
Graham Cooper¹
¹Anne Rowling Centre for Regenerative Neurology, University of Edinburgh, UK

Development of a new screening test to identify emotion recognition problems after brain injury
Jo Howe¹, Tony Ward¹, & Nick Alderman²
¹Department of Psychology, University of the West of England, Bristol, UK. ²Brain Injury Services, Partnerships in Care, Grafton Manor, Grafton Regis, UK and University of the West of England, Bristol, UK.

Goal maintenance and verbal working memory: The effect of concurrent suppression.
Matthew H. Iveson¹, Yuki Tanida, and Satoru Saito
¹Department of Psychology, University of Edinburgh, UK

Eating disorders in musicians: A survey investigating self-reported eating disorders of musicians
Marianna E. Kapsetaki¹, Charlie Easmon¹
¹Division of Surgery and Interventional Science, Faculty of Medicine, University College London, UK

Early executive difficulties predict lower levels of participation in personally meaningful activities 6 months after cerebrovascular accident.
Joseph Mole¹, Elitsa D. Slavkova¹, M. Jane Riddoch¹, Nele Demeyere¹
¹Cognitive Neuropsychology Centre, Department of Experimental Psychology, University of Oxford, UK

Improving motor function in participants with cerebral palsy, Duchenne muscular dystrophy and Down’s syndrome: clinical utility of the virtual-reality, mobile-phone game scenario
Carlos Bandeira de Mello Monteiro¹, Talita Dias da Silva, Lilian Del Ciello de Menezes, Camila Miliani Capelini, Juliana Nobre de Paula, Suzanna Watson & James Tonks
¹Universidade de São Paulo

Changes in cognitive function following cardiac resynchronisation therapy (CRT) in heart failure patients
Wade-Brown, L.K.¹, Freeman, C., Smith, L.A., Cowburn, P.J., McCarthy, R.A.¹
¹Department of Neuropsychology, Wessex Neurosciences Centre, Southampton University Hospital NHS Trust, Southampton, UK