



**BRITISH NEUROPSYCHOLOGICAL SOCIETY AUTUMN MEETING 2014
PROGRAMME**

Wednesday 5th November 2014

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

On-line 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 BNS members. 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 for students and unwaged participants, £20 for all others. Early registration closes 2 weeks prior to the meeting but you can also pay on the door (at the higher rate of £15/£25). Why not become a member and come for free? See: <http://www.the-bns.org/membership.html>

Conference Meal

To be held on Wednesday 5th November at 7:30pm at *Antalya* Turkish restaurant, 103-105 Southampton Row, London WC1B 4HH. Cost: £30 or £20 (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: 1st November 2014

8.30 REGISTRATION OPENS

9.00 **Welcome, news and updates**
Sergio Della Sala (BNS President)

9.10 **Reports of intimate touch: Erogenous zones and somatosensory cortical organization**
Oliver H. Turnbull 1, Victoria E. Lovett 2, Jackie Chaldecott 3 and Marilyn D. Lucas 3
(1 Centre for Cognitive Neuroscience, School of Psychology, Bangor University, Bangor, United Kingdom; 2 Department of Psychology, Swansea University, Swansea, Wales, United Kingdom; 3 The Department of Psychology, University of the Witwatersrand, Johannesburg, South Africa)

9:35 **Fusion and fission of cognitive functions in parietal cortex: a multi-domain meta-analysis**
Gina Humphreys & Matthew Lambon Ralph
(University of Manchester, UK)

10.00 COFFEE BREAK and POSTERS

SYMPOSIUM

TIME AND QUANTITY

10:30 **Dissociations between numbers and time**

Marinella Cappelletti
(*Goldsmiths College*)

11:00 **Relative timing and its recalibration: models and data**

Kielan Yarrow
(*City University*)

11:30 **Magnitude and calculation**

Brian Butterworth
(*Institute of Cognitive Neuroscience, UCL*)

12:00 **Theories of magnitude processing**

Bettina Studer
(*Department of Psychology, University of Cambridge, and Institute of Cognitive Neuroscience, UCL*)

12:30 **Semantic representation of measurement units**

Sebastian Crutch
(*Dementia Research Centre, UCL Institute of Neurology*)

1:00 LUNCH (*Executive Committee Meeting*)

2:00 **Assessing spatial asymmetries in visual attention after stroke: a computational modelling approach**

Celine R. Gillebert¹, Anders Petersen², San Verhaver¹, Joshua Chauvin¹, Signe Vangkilde², & Glyn W. Humphreys¹
(¹*Department of Experimental Psychology, University of Oxford, Oxford, UK;* ²*Department of Psychology, University of Copenhagen, Copenhagen, Denmark*)

2:30 **Finger agnosia and acalculia: neglected issues**

Michael Andres^{1,2}, Nicolas Michaux¹, Elodie Lerens², & Xavier Seron¹
(¹*Psychological sciences research institute, Université catholique de Louvain, Belgium;* ²*Institute of neuroscience, Université catholique de Louvain, Belgium*)

3:00 **Role of parietal cortex in episodic memory: a key role for spatial perspective**

Charlotte Russell¹, Adrian Williams¹, Anna Sofia Musil¹, Sarah Davies¹ & Paresh Malhotra²
(¹*Department of Psychology and Centre for Cognition and Neuroimaging, Brunel University London;* ²*Division of Brain Sciences, Imperial College London*)

3:30 **Presentation of the BNS Undergraduate poster prize**

COFFEE BREAK and POSTERS

SYMPOSIUM

SPACE

4:00 **Action in hemispatial neglect**

Monika Harvey
(*University of Glasgow*)

- 4:30 **Knowing what and where: semantic knowledge for geographical locations**
Paul Hoffman
(*University of Manchester*)
- 5:00 **Spatial attention** (title tbc)
Masud Husain
(*University of Oxford*)
- 5:30 **Spatial memory** (title tbc)
Neil Burgess
(*Institute of Cognitive Neuroscience, UCL*)
- 18:00 MEETING CLOSE and DRINKS RECEPTION (Old Boardroom, National Hospital)
- 19:30 CONFERENCE MEAL (pre-booking essential; *Antalya Turkish Restaurant*)

BNS Spring Meeting 2015 (Wednesday 18th - Thursday 19th March 2015)
Clinical Neurosciences Centre, 33 Queen Square, London, WC1N 3BG

This will be a joint meeting of the British and Dutch Neuropsychological Societies
The Freda Newcombe lecture will be given by
Professor Tim Shallice (SISSA and UCL)
& **the 13th Elizabeth Warrington Prize lecture** will be given by
Michel Thiebaut de Schotten (KCL)

For more information about the Spring meeting, please contact Dr Paul Hoffman (Meetings Secretary); Email: Paul.Hoffman@manchester.ac.uk

List of Posters:

BNS Undergraduate poster prize winner

You scratch your back and I'll scratch mine: A study investigating possible gender differences in the visual contagious itch

Eleanor Wong
(*School of Psychology, University of Central Lancashire*)

BNS Undergraduate poster prize winner

The effects of 200Hz vibrotactile adaptation on amplitude discrimination thresholds across four fingers

Francesca Allerton
(*School of Psychology & Clinical Language Sciences, University of Reading*)

Dissociation between numerosity and length processing within the right parietal cortex: a TMS-adaptation study

Valérie Dormal¹, Marinella Cappelletti², Michael Andres¹, Mauro Pesenti¹, & Vincent Walsh²
(*1Institut de Recherche en Sciences Psychologiques and Institute of Neuroscience, UCL, Louvain-la-Neuve, Belgium; 2 Institute of Cognitive Neuroscience, UCL, London, UK*)

Mental addition involves shifting attention rightward on a spatial continuum: Evidence from a patient with right unilateral neglect

Nicolas Masson¹, Mauro Pesenti¹, Michael Andres¹, Françoise Coyette², & Valérie Dormal¹
(*1Institut de Recherche en Sciences Psychologiques and Institute of Neuroscience, Université catholique de Louvain, Louvain-la-Neuve, Belgium; 2Cliniques universitaires St-Luc, Brussels, Belgium*)

Derived fact strategy use despite severe working memory impairment

Kalaiyashni Puvanendran, Nele Demeyere, Ann Dowker
(University of Oxford)

When a reward is like a punishment: exploring the interaction between motivation and cognitive control in Parkinson's disease

Elisa Di Rosa^{1*}, Sami Schiff², Francesca Cagnolati¹ and Daniela Mapelli^{1;3}
(1 Department of General Psychology, University of Padua, Padua, Italy; 2 Department of Medicine, University of Padua, Padua, Italy; 3 Human Inspired Technologies Research Center, University of Padua, Padua, Italy)

Number, length and duration processing in adults with developmental dyscalculia

Alice De Visscher^{1,2}, Marie-Pascale Noël¹, Mauro Pesenti¹, & Valérie Dormal¹
(1 Institut de Recherche en Sciences Psychologiques and Institute of Neuroscience, Université catholique de Louvain, Louvain-la-Neuve, Belgium; 2 School of Psychology, University of Sussex, Brighton, UK)

Impairments in top down attentional processes in right parietal patients: paradoxical functional facilitation in visual search.

Giuseppa Renata Mangano¹, Massimiliano Oliveri^{1,2}, Patrizia Turriziani¹, Daniela Smirni¹, Li Zhaoping³ and Lisa Cipolotti^{1,4}
(1 Dipartimento di Psicologia, Università di Palermo, Palermo, Italy; 2 Fondazione Santa Lucia IRCCS, Rome, Italy; 3 Department of Computer Science, University College, London, United Kingdom; 4 Department of Neuropsychology, National Hospital for Neurology and Neurosurgery, Queen Square, London, United Kingdom)

Validation of the Addenbrooke's Cognitive Examination using HMPAO-SPECT: predicting neurodegeneration from cognitive screening scores

Wade-Brown, L.K.^{1,2}, Morgan, R.³, Ghosh, B.¹, Prosser, A.¹, Bolt, L.¹, McCarthy, R.M.^{1,3}, Kipps, C.M.^{1,3}
(¹ University Hospital Southampton, UK | ² University of Plymouth, UK | ³ University of Southampton, UK)

Item-memory for words, pictures, shapes and non-words in adults with Autism Spectrum Disorder

Melanie Ring, Sebastian B. Gaigg & Dermot M. Bowler
(Autism Research Group, City University London)

Syllable Structure in the Mental Lexicon: a Case Study

Dinesh Ramoo & Andrew Olson
(University of Birmingham)

Neuropsychological profiles and their relationship to blood phenylalanine (phe) concentrations in early-treated adults with phenylketonuria (PKU)

Liana Palermo¹, Tarek Hiwot², Ellie Limback¹, Kate Hall³, Anita MacDonald⁴ and Cristina Romani¹
(1 Aston University, Birmingham, UK; 2 Queen Elizabeth Hospital, Birmingham, UK; 3 International Society for Neonatal Screening, Sutton Coldfield, UK; 4 Birmingham Children's Hospital, Birmingham, UK)

Contrasting incidence and recovery rates of neglect in acute stroke

Nele Demeyere*, Celine R. Gillebert*, Liam Loftus, & Glyn W. Humphreys
(Oxford Cognitive Neuropsychology Centre, Department of Experimental Psychology, University of Oxford)

*contributed equally to this work