

A special two-day meeting, celebrating 35 Years of the BNS

Online Registration and Payment

Please register by: 22nd April 2024

All attendees (both members and non-members) are politely asked to register in advance of the meeting. This will help with organization of catering. Simply fill out the form here:

<https://bns.wildapricot.org/events>

Registration is **FREE for all current members** of the BNS, and **£15 for non-members**.

Full membership of the BNS is £35 per year and only £10 for students and retirees

<https://www.the-bns.org/membership>

Travel Bursaries

There are a limited number of travel bursaries, up to the value of £250, to cover travel and accommodation. Priority will be given to early career researchers and those presenting their work.

Please [submit your application via the website](#) by *Mon 11th March*.

Abstracts

Abstracts will be published at <https://www.the-bns.org/meetings>

Day One: Wednesday 24th April 2024

- 09:15 REGISTRATION OPENS
[Zoom meeting activated for remote attendees; link & password provided to registrants in advance]
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- 09:45 **WELCOME**
Nicky Edelstyn, BNS President
- 09:50 FREE PAPERS
Investigating the oscillatory dynamics of tics in Tourette Syndrome
Mairi Houlgreave¹, Aikaterini Gialopsou¹, Elena Boto¹, Matthew Brookes¹ & Stephen Jackson¹
¹University of Nottingham
- 10:10 **A novel test of conjunctive binding shows impaired associative processes in working memory in neuropsychiatric disorders**
Giovanni d'Avossa^{1,2} & Mohammad Zia Ul Haq Katshu^{3,4}
¹School of Psychology and Sport Sciences, Bangor University, ²Betsi Cadwaladr University Health Board, ³Nottinghamshire Healthcare NHS, ⁴University of Nottingham

- 10:30 **What do retinotopic maps do? A lesion overlap analysis of visual functions in stroke patients**
Selma Lugtmeijer^{1†}, Aleksandra Sobolewska^{2†}, Edward de Haan²³⁴⁵ & Steven Scholte²
¹University of Birmingham, ²University of Amsterdam, ³Radboud University, ⁴Oxford University, ⁵Nottingham University, [†]Joint first author
- 10:50 **Comparing the Oxford Digital Multiple Errands Test (OxMET) to a real-life version: convergence, feasibility, and acceptability**
Sam S. Webb¹ & Nele Demeyere¹
¹University of Oxford
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- 11:10 MORNING BREAK & POSTER SESSION (Group A)
Tea & Coffee provided
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- 11:40 **FREE PAPERS**
A neuropsychologically-informed TMS test of hemispheric dominance for visual shape processing
Jessica A. Teed¹, Catriona L. Scrivener¹, Robert D. McIntosh¹ & Edward H. Silson¹
¹University of Edinburgh
- 12:00 **The Phenomenology of Face Blindness – a novel approach to Developmental Prosopagnosia**
Randi Starrfelt¹, Tone Roald¹ & Erling Noerkaer¹
¹University of Copenhagen
- 12:20 **Neural specialisation for concrete and abstract concepts: A meta-analysis of 71 neuroimaging studies**
Paul Hoffman¹ & Matthew Bair¹
¹University of Edinburgh
- 12:40 **Multidimensional cognitive profiles of the logopenic variant of primary progressive aphasia and Alzheimer’s disease**
Shalom K. Henderson^{1,2}, Matthew A. Lambon Ralph¹ & James B. Rowe^{1,2,3}
¹Medical Research Council (MRC) Cognition and Brain Sciences Unit, University of Cambridge, ²Department of Clinical Neurosciences, University of Cambridge, ³Cambridge University Hospitals NHS Foundation Trust
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- 13:00 In Memory of
Luke D. Kartsounis
Narinder Kapur and colleagues
-
- 13:15 ANNUAL GENERAL MEETING
Members Only
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13:45 LUNCH BREAK & **POSTERS** (Group A)
Catering not provided, presenters due at their poster from 14:00

BNS 35th ANNIVERSARY SYMPOSIUM

A series of invited speakers celebrating the excellence and diversity of UK-based neuropsychology, as well as 35 years of community brought together by our society

14:30 **Exploring the neural bases of memory: theories, methods, and dichotomies**
Daniela Montaldi
University of Manchester

15:00 **From understanding E/I balance to personalised interventions for optimising cognition in typical and atypical development**
Roi Cohen Kadosh
University of Surrey

15:30 **The neuropsychology of emotion**
Oliver Turnbull
Bangor University

16:00 AFTERNOON BREAK
Tea & Coffee provided

BNS 35th ANNIVERSARY SYMPOSIUM

16:30 **When the spark goes out: the neurology of apathy and motivation**
Masud Husain
University of Oxford

17:00 **The role of the prefrontal cortex in fluid intelligence and reasoning**
Lisa Cipolotti
University College London

17:30 **How to measure forgetting**
Sergio Della Sala
University of Edinburgh

18:00 DRINKS RECEPTION (& CAKE!)
In the foyer

Day Two: Thursday 25th April 2024

08:45 REGISTRATION OPENS
[Zoom meeting activated for remote attendees; link & password provided to registrants in advance]

GUEST SYMPOSIUM
DOMAIN-SPECIFIC TO DOMAIN-GENERAL COGNITIVE DEFICITS POST-STROKE

Organiser and Chair: Fatemeh Gerenmayeh

09:10 **Post-stroke cognitive trajectories from Oxford Cognitive Screening studies**
Nele Demeyere
University of Oxford

09:30 **IC3 - towards a scalable deep cognitive phenotyping of patients with stroke**
Fatemeh Gerenmayeh
Imperial College London

09:50 **Increasing efficiency of aphasia assessment after stroke**
Ajay Halai
Medical Research Council (MRC) Cognition and Brain Sciences Unit, University of Cambridge

10:10 **Refining apraxia diagnosis after stroke**
Elisabeth Rounis
Imperial College London

10:30 MORNING BREAK & **POSTER SESSION** (Group B)
Tea & Coffee provided

11:00 21st ELIZABETH WARRINGTON PRIZE LECTURE
Mapping the neurobiology of language: from anatomy to the clinic
Stephanie Forkel
Donders Institute for Brain, Cognition and Behaviour, Radboud University

12:00 LUNCH BREAK & **POSTERS** (Group B)
Catering not provided, presenters due at their poster from 12:30

GUEST SYMPOSIUM
DOMAIN-SPECIFIC TO DOMAIN-GENERAL COGNITIVE DEFICITS POST-STROKE

13:00 **Attention to attention in aphasia**
Rahel Schumacher
University of Bern

13:20 **Interaction between lateralised inattention (neglect) and sustained attention**
Alex Leff
University College London

13:40 **Adding task fMRI and decoding to the neuropsychologists' toolkit**
Matthew Lambon Ralph
Medical Research Council (MRC) Cognition and Brain Sciences Unit, University of Cambridge

14:00 PRESIDENT'S INVITED LECTURE
Recovery from aphasia after stroke: From networks to therapy
Dorothee Saur
University of Leipzig

15:00 CLOSE OF MEETING

The BNS Autumn Meeting will take place on
Wednesday 27th - Thursday 28th November 2024

at
33 Queen Square, London WC1N 3BG

Highlights will include:

18th Freda Newcombe Prize Lecture
7th Humphreys & Riddoch Prize
Undergraduate Prize

A CALL FOR SYMPOSIA IS NOW OPEN (*Deadline: 15th June 2024*)

If you'd like to organise a symposium, please email Richard Binney (r.binney@bangor.ac.uk), with a description of the aims and content, and the names of 3 speakers who have provisionally agreed to contribute.

The Call for Abstracts will open from 26th April until 27th August 2024

LIST OF POSTERS

Group A: Wednesday

Trauma, Memory, and Dis-order: A Neuropsychanalytic Review

Ali Bagherzanjani & Najmeh Zivdar

University College London

Investigating changes in BOLD signal during median nerve stimulation

I.Farr, M.Houlgreave, M. Ashgar, S.Francis, K.Dyke & S.Jackson

University of Nottingham

Investigating neuronal noise as a mechanism of tic generation

A. Gialopsou, C. Smith, M. Houlgreave, I. Farr & S. Jackson

University of Nottingham

The Double Empathy Problem: A Derivation Chain Analysis and Cautionary Note

Luca D. Hargitai¹, Lucy A. Livingston^{2,3} & Punit Shah¹

¹University of Bath, ²King's College London, ³Cardiff University

New Development and Standardization of the Semantic Knowledge Test for Adults (SKT-A)

Yu Mi Hwang¹, Yoonhye Na¹, JeYoung Jung² & Sung-Bom Pyun^{1,3,4}

¹Korea University College of Medicine, ²University of Nottingham, ³Korea University College of Medicine, ⁴Korea University Anam Hospital

Neurotransmitter Deficits and Semantic Impairments in Frontotemporal Dementia

JeYoung Jung¹, Zlatomira G. Ilchovska¹ & Akram Hosseini²

¹University of Nottingham, ²Nottingham University Hospitals NHS Trust

Investigating age-related differences in semantic control mechanisms involved in creative thinking

Tanvi Patel, Sarah E. MacPherson & Paul Hoffman

University of Edinburgh

Reduced memory test performance by people with subjective cognitive decline: A systematic review and meta-analysis

Katie A. Peterson, Fiona Ellis, Adrian Leddy & Michael Hornberger

University of East Anglia

Functional mapping of facial movements in Tourette Syndrome

Caitlin M. Smith, Mairi S. Houlgreave, Michael Asghar, Susan T. Francis & Stephen R. Jackson

University of Nottingham

Error Responses and Patterns on the 12-item Face-Name Associative Memory Exam (FNAME-12)

Meera Sonara, Kirsty Lu, Rebecca Street, Thomas Brown, Molly Cartlidge, Anjali Raghavan, Heidi Murray-Smith, Sebastian J. Crutch, Marcus Richards & Jonathan M. Schott
University College London

“The radiant Quiet. The nourishing Quiet, The illuminating Quiet”: an Analysis of Autobiographical Accounts of Inner Speech in Aphasia

Bethan Tichborne^{1,2} & Arpita Bose¹
¹*University of Reading*, ²*University of Manchester*

Cultural adaptations in Cognitive Stimulation Therapy for mild-moderate Dementia: A Narrative Review

Sasha-kay Williams, Navneet Nagra & Elena Olgiati
Central and North West London NHS Foundation Trust

Mapping brain-behaviour relationships: insights from two fMRI tasks

Eleni Zevgolatakou¹, Rahel Schumacher^{1,2}, Matthew A. Lambon Ralph¹, Ajay D. Halai¹
¹*MRC Cognition and Brain Sciences Unit, University of Cambridge*, ²*University of Bern*

Group B: Thursday

Investigating the Effects of Stroke Infarct: Comparisons between Simulated and Real Lesions and Understanding Post-Stroke Semantic Impairment in Gradient Space

Ramya Balakrishnan¹, Tirso Rene del Jesus Gonzalez Alam¹, Nick Souter², Brontë L. A. Mckeown³, Theodoros Karapanagiotidis² & Elizabeth Jefferies¹
¹*University of York*, ²*University of Sussex*, ³*Queen's University*

The outcomes of group intervention for numerical deficits after a stroke/ brain-injury (acalculia), based on the principles of embodied cognition

Yael Benn¹, Berzan Cetinkaya², Maryam Hussain², Verena Christin Pavel¹, George Kountouriotis¹, Tam Dibley¹, Mark Jayes¹ & Paul Conroy³
¹*Manchester Metropolitan University*, ²*University of Manchester*, ³*Trinity College Dublin*

The Development and Validation of an Automated Method to Quantify Cortical Atrophy in Acute Post-Stroke CT Scans

Ibe Couwels¹, Margaret Jane Moore², Georgina Hobden¹, Taylor Hanayik¹ & Nele Demeyere¹
¹*University of Oxford*, ²*University of Queensland*

The Prevalence and Impact of Health Anxiety Following Subarachnoid Haemorrhage: A Cross-Sectional Study

Kealan Forristal¹, David Gillespie¹ & Caroline van Heugten²
¹*NHS Lothian, Edinburgh*, ²*Maastricht University*

Factors Affecting the Assessment of Cognitive Impairment in Stroke: Perspectives, Challenges, and Future Directions

Catherine Nora Moran¹, Anne Hickey¹, Paul Dockree², Frank Doyle¹, Meadhbh Brosnan³, Terry Quinn⁴, & Nele Demeyere⁵

¹RCSI University of Medicine & Health Sciences, ²Trinity College Dublin, ³University College Dublin, ⁴University of Glasgow, ⁵University of Oxford

The neuroanatomical correlates of semantic knowledge processing in patients with ischemic stroke

Yoonhye Na¹, JeYoung Jung², Yu Mi Hwang¹, & Sung-Bom Pyun^{1,3}

¹Korea University College of Medicine, ²University of Nottingham, ³Korea University Anam Hospital

StrokeCog-R: A protocol of a pilot randomized controlled trial of a novel cognitive rehabilitation programme for stroke survivors and their family members

Megan H. Oglesby¹, Catherine N. Moran¹, Niall Pender², Kathleen Bennett¹, Frances Horgan¹, Niamh Merriman³, Peter J. Kelly^{3,4}, David Williams^{1,2} & Anne Hickey¹

¹RCSI, Dublin, ²Beaumont Hospital, Dublin, ³University College Dublin, ⁴Mater University Hospital, Dublin.

Predictors of Poor Post-operative Cognitive Outcomes in Adult Temporal Lobe Epilepsy: The 'Red Flags' Initiative

Isha Puntambekar¹ & Sallie Baxendale^{1,2}

¹University College London, ²University College London Hospitals NHS foundation Trust

A scoping review of research investigating patient and carer information needs around post-stroke cognition

Faye Tabone, Georgina Hobden, & Nele Demeyere

University of Oxford

Neurocognitive Correlates of Cerebrovascular Small Vessel Disease (SVD): Implications for Decision-Making (DM) Under Uncertainty

Fitzroy Wickham, Bahaa Atallah, Sanjay Manohar & Masud Husain

University of Oxford