



JOINT MEETING OF THE BRITISH NEUROPSYCHOLOGICAL SOCIETY  
with SOCIÉTÉ DE NEUROPSYCHOLOGIE DE LANGUE FRANÇAISE

Thursday 17<sup>th</sup> – Friday 18<sup>th</sup> March 2016

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

**Sponsorship**

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**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 or SNLF. 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](mailto:sarah.macpherson@ed.ac.uk). The cost is £10/€14.25 for students and unwaged participants, £20/€28.50 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 17<sup>th</sup> March at 8pm at [Karpo Restaurant](http://www.karpo-restaurant.com), 23-27 Euston Rd, London NW1 2SD. Cost: £40/€57 or £30/€42.75 (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](mailto:sarah.macpherson@ed.ac.uk).  
Deadline to register for the meal: Wednesday 2<sup>nd</sup> March

**Abstracts**

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

# PROGRAMME

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Thursday 17<sup>th</sup> March

9.00 REGISTRATION OPENS

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9.50 **Welcome**

From the Presidents of the BNS and SNLF

10.00 *The 14<sup>th</sup> Elizabeth Warrington Prize Lecture*

**Rest and remember: Novel insights into memory consolidation in healthy people and amnesic patients**

Michaela Dewar

*Department of Psychology, School of Life Sciences, Heriot-Watt University, Edinburgh & Centre for Cognitive Ageing and Cognitive Epidemiology, University of Edinburgh*

11.00 **Unconscious multisensory enhancement: Evidence from posterior cortical atrophy**

Ayla Barutçu and Glyn W. Humphreys

*Department of Experimental Psychology, University of Oxford*

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11.20 **POSTER SESSION A**

with tea and coffee

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12.00 **Are reading and face processing related? An investigation of reading in developmental prosopagnosia**

Randi Starrfelt<sup>1</sup>, Solja .K. Klargaard<sup>2</sup>, Anders Petersen<sup>1</sup>, Christian Gerlach<sup>2</sup>

*<sup>1</sup> Dept. of Psychology, University of Copenhagen, <sup>2</sup> Dept. of Psychology, University of Southern Denmark*

12.20 **Mirrored and rotated stimuli are not the same: A neuropsychological and lesion mapping study**

Olivier Martinaud<sup>1</sup>, Nicolas Mirlink<sup>1</sup>, Sandrine Bioux<sup>1</sup>, Evangéline Blioux<sup>1</sup>, Cécile Champmartin<sup>1</sup>, Dorothee Pouliquen<sup>1</sup>, Didier Hannequin<sup>1,2</sup>, Emmanuel Gérardin<sup>3</sup>

*<sup>1</sup> Department of Neurology, Rouen University Hospital, France, <sup>2</sup> Inserm U1079, IFRMP, Faculty of Medicine and Pharmacy, Rouen F-76031, France, <sup>3</sup> Department of Neuroradiology, Rouen University Hospital, France*

12.40 **Facial identity and emotional facial expressions processing after left or right functional hemispherectomy in 40 children**

Charlotte Pinabiaux<sup>3</sup>, Jessica Save<sup>1</sup>, George Dorfmueller<sup>2</sup>, Christine Bulteau<sup>1,2</sup>, Isabelle Jambaqué<sup>1,2</sup>

*<sup>1</sup> INSERM U1129 "Infantile Epilepsies and Brain Plasticity", Paris, France; Université Paris Descartes, Sorbonne Paris Cité; CEA, Gif sur Yvette, France, <sup>2</sup> Rothschild Foundation Hospital, Pediatric Neurosurgery Department, Paris, <sup>3</sup> CHArt-UPON (EA4004), Université Paris Ouest Nanterre la Défense, France*

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1.00 **LUNCH BREAK & BNS Annual General Meeting**

Lunch is not provided

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SYMPOSIUM

**Autobiographical Memory**

2.00 **Emotional mental imagery: Flashbacks and flash-forwards**

Emily A. Holmes

*Medical Research Council Cognition & Brain Sciences Unit, Cambridge and Karolinska Institutet, Stockholm*

2.30 **Mechanisms of temporally extended self-memory: New insights from autism and schizophrenia**

Pascale Piolino<sup>1,3</sup>, Celia Mam-Lam Fook<sup>1,2</sup>, and Marie-Odile Krebs<sup>2</sup>

*<sup>1</sup>INSERM, Laboratoire « Mémoire et Cognition », Centre de Psychiatrie et Neurosciences, CPN U894, Institut de Psychiatrie, GDR 3557, Université Sorbonne Paris Cité, Paris, <sup>2</sup>INSERM, Laboratoire de « Physiopathologie des maladies Psychiatrique », Centre de Psychiatrie et Neurosciences, CPN U894, Institut de Psychiatrie, GDR 3557, Université Sorbonne Paris Cité, Paris, <sup>3</sup>Institut Universitaire de France*

3.00 **On the breakdown of narrative thinking**

Martin Conway

*City University, London*

3.30 **Using mental imagery to improve impaired autobiographical memory and episodic future thought in multiple sclerosis: A neuropsychological and neuroimaging study**

Manning, L.<sup>1</sup>, Ernst, A.<sup>2</sup>, Gounot, D.<sup>3</sup>, Blanc, F.<sup>3,4,5</sup> and de Seze, J.<sup>5,6</sup>

*<sup>1</sup>INSERM UMR 1114, Strasbourg University, <sup>2</sup>Department of Psychology -Cognition & Behaviour- Liege University, Belgium, <sup>3</sup>ICube, CNRS UMR 7357, Strasbourg University, <sup>4</sup>FMTS, Strasbourg, <sup>5</sup>CMRR, University Hospital of Strasbourg, <sup>6</sup>CIC, INSERM 1434, University Hospital of Strasbourg*

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4.00 **POSTER SESSION B**

with tea and coffee

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4.40 **Characterising intrinsic response generation in Motor Neurone Disease**

Gail A. Robinson<sup>12</sup>, Rosemary Argall<sup>12</sup>, Pamela McCombe<sup>23</sup>, Robert Henderson<sup>23</sup>

*<sup>1</sup>Neuropsychology Research Unit, School of Psychology, The University of Queensland, Brisbane, Australia, <sup>2</sup>Neuropsychology and Neurology, Royal Brisbane and Women's Hospital, Brisbane, <sup>3</sup>Centre for Clinical Research, The University of Queensland, Brisbane*

5.00 **Category specificity in right temporal variant semantic dementia?**

Rosaleen McCarthy<sup>1,2</sup> and Christopher Kipps<sup>1</sup>

*<sup>1</sup>University Hospital Southampton NHS Trust, <sup>2</sup>University of Southampton*

5.20 *Keynote address*

**Multimodal brain imaging of memory functioning in adulthood and aging**

Lars Nyberg

*Umeå University, Sweden*

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6.20 DRINKS RECEPTION *in the foyer, followed by conference meal at Karpo (pre-booking essential)*

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## Friday 18th March

8.30 REGISTRATION OPENS

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### SYMPOSIUM

#### Genetics and Neuropsychology

- 9.00 **What can babies with Down syndrome tell us about Alzheimer's dementia in adults?**  
Annette Karmiloff-Smith  
*Birkbeck, University of London*
- 9.30 **Modulating effect of COMT genotype on brain areas underlying cognitive control processes**  
Fabienne Collette and Mathieu Jaspar  
*Cyclotron Research Centre and Department of Psychology: Cognition and Behavior, University of Liège, Belgium*
- 10.00 **Genetic influences on cognition and behaviour in frontotemporal dementia**  
Julie S Snowden  
*Greater Manchester Neuroscience Centre, Salford Royal NHS Trust and Institute of Brain, Behaviour and Mental Health, University of Manchester*
- 10.30 **The JR family pedigree revisited: Screening clinical markers of developmental language impairment and verbal self-report to further characterise a heritable phenotype within semantic cognition**  
Josie Briscoe  
*University of Bristol*
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11.00 **POSTER SESSION C**  
with tea and coffee

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- 11.40 **Dissociation of item and serial order processing in verbal short-term memory: Evidence from aphasia**  
Steve Majerus<sup>1,2</sup> and Marie-Anne Van der Kaa<sup>3</sup>  
*<sup>1</sup> Université de Liège, Belgium, <sup>2</sup> Fonds de la Recherche Scientifique FNRS, Belgium, <sup>3</sup> Centre hospitalier universitaire, Liège*
- 12.00 *Keynote address (Freda Newcombe Prize Lecture)*  
**How and why does an extra sex chromosome affect neurodevelopment?**  
Dorothy Bishop  
*Department of Experimental Psychology, University of Oxford*
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1.00 LUNCH BREAK  
Lunch is not provided

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2.00 **N400 and LPC ERP similarity across repeated stimulus encoding and between encoding and recognition**

Carolin Sievers<sup>1</sup>, Patrick Davidson<sup>2</sup>, Levente Orban<sup>3</sup>, Vincent Calcagno<sup>4</sup>, Paniz Tavakoli<sup>2</sup>, Kenneth Campbell<sup>2</sup>, Morris Moscovitch<sup>5,6</sup>, Brian Levine<sup>5,6</sup>, Louis Renoult<sup>1</sup>

<sup>1</sup> *University of East Anglia, UK*, <sup>2</sup> *University of Ottawa, Ontario, Canada*, <sup>3</sup> *Kwantlen Polytechnic University, Richmond, British Columbia, Canada*, <sup>4</sup> *French Institute for Agricultural Research (INRA), Sophia Antipolis, France*, <sup>5</sup> *Rotman Research Institute, Baycrest, Toronto, Ontario, Canada*, <sup>6</sup> *University of Toronto, Ontario, Canada*

2.20 **Medial thalamic stroke and its impact on familiarity and recollection**

Lola Danet<sup>1,2</sup>, Jérémie Pariente<sup>1,3</sup>, Pierre Eustache<sup>1</sup>, Nicolas Raposo<sup>3</sup>, Igor Sibon<sup>4</sup>, Jean-François Albucher<sup>3</sup>, Fabrice Bonneville<sup>1,3</sup>, Patrice Peran<sup>1</sup>, Emmanuel J. Barbeau<sup>2</sup>

<sup>1</sup> *"Brain Imaging and Neurological Disabilities" research unit (UMR 825), University of Toulouse Paul Sabatier, Toulouse, France*, <sup>2</sup> *Brain and Cognition Research Centre (CerCo), CNRS, University of Toulouse Paul Sabatier, Toulouse, France*, <sup>3</sup> *Neuroscience Centre, Purpan Hospital, Toulouse University Hospital, Toulouse, France*, <sup>4</sup> *Department of Diagnostic and Therapeutic Neuroimaging, University of Bordeaux Victor Segalen, Bordeaux University Hospital, France*

2.40 **Brain activations during inference of affective mental states, using a novel ecological task**

Marie Caillaud<sup>1,2,3,4,5</sup>, Alexandre Bejanin<sup>2,3,4,5</sup>, Mickaël Laisney<sup>2,3,4,5</sup>, Malo Gaubert<sup>2,3,4,5</sup>, Pierre Gagnepain<sup>2,3,4,5</sup>, Philippe Allain<sup>1,6,7</sup>, Vincent De La Sayette<sup>2,3,4,5</sup>, Francis Eustache<sup>2,3,4,5</sup>, Béatrice Desgranges<sup>2,3,4,5</sup>

<sup>1</sup> *Laboratoire de psychologie des Pays de la Loire (LPPL), EA 4638*, <sup>2</sup> *Inserm, U1077, Caen*, <sup>3</sup> *Université de Caen Normandie, UMR-S1077, Caen*, <sup>4</sup> *École Pratique des Hautes Études, UMR-S1077, Caen*, <sup>5</sup> *CHU de Caen, UMR-S1077, Caen*, <sup>6</sup> *CHU d'Angers, Département de neurologie, Angers*, <sup>7</sup> *CHU d'Angers, Centre mémoire de ressources et de recherches, Angers*

3.00 *Keynote address*

**Probing cognition and consciousness beyond behaviour: The case of non-communicating patients**

Lionel Naccache

*Pitié Salpêtrière hospital and University of Paris*

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4.00 CLOSE OF MEETING

**SAVE THE DATE**

The Autumn BNS meeting will take place on

**Wednesday 26<sup>th</sup> October 2016**

at

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

Details of the meeting will be announced on the BNS website and by email to members in due course

# LIST OF POSTERS

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## Session A

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### **Enhancing the salience of perceptual fluency improves familiarity-based recognition memory in aging**

Christine Bastin<sup>1</sup> and Sylvie Willems<sup>2</sup>

<sup>1</sup> *Cyclotron Research Center, University of Liège, Belgium,* <sup>2</sup> *Psychology and Speech Therapy University Clinic, University of Liège, Belgium*

### **Inter- and intra-hemispheric connectivity mediates responsiveness to continuous theta burst stimulation (cTBS) over the posterior parietal cortex**

Magdalena Chechlac<sup>1</sup>, Glyn W Humphreys<sup>1</sup>, Stamatios N Sotiropoulos<sup>2</sup>, Christopher Kennard<sup>3</sup> and Dario Cazzoli<sup>3,4</sup>

<sup>1</sup>*Department of Experimental Psychology, University of Oxford;* <sup>2</sup>*FMRIB Centre, University of Oxford;* <sup>3</sup>*Nuffield Department of Clinical Neurosciences, University of Oxford;* <sup>4</sup>*ARTORG Center for Biomedical Engineering Research, University of Bern*

### **Amygdala and prefrontal dysfunction during negative self-appraisal in paediatric post-traumatic stress disorder**

Fanny Dégeilh<sup>1</sup>, Armelle Viard<sup>1</sup>, Fabian Guérolé<sup>1,2</sup>, Malo Gaubert<sup>1</sup>, Pierre-Jean Egler<sup>2</sup>, Stéphanie Egret<sup>1</sup>, Priscille Gerardin<sup>4</sup>, Jean-Marc Baleyte<sup>1,2</sup>, Francis Eustache<sup>1</sup>, Jacques Dayan<sup>1,3\*</sup>, Bérengère Guillery-Girard<sup>1\*</sup> \*Co-last authors

<sup>1</sup>*Inserm, Université de Caen Normandie, EPHE, CHU de Caen, U1077, Caen,* <sup>2</sup>*CHU de Caen, Service de Psychiatrie de l'Enfant et de l'Adolescent, Caen,* <sup>3</sup>*CHGR Rennes-I, Service de Psychiatrie de l'Enfant et de l'Adolescent, Rennes,* <sup>4</sup>*CHU de Rouen, Fédération hospitalo-universitaire de psychiatrie de l'enfant et de l'adolescent, Rouen*

### **I know that face? When faces are familiar despite memory loss**

Lewys Jones<sup>1,2</sup>, Nathaniel Rookes<sup>1,2</sup>, Nicole Smith<sup>2</sup>, Kate Wade-Brown<sup>2</sup>, Rosaleen McCarthy<sup>2</sup>

<sup>1</sup>*University of Plymouth,* <sup>2</sup>*University Hospital Southampton NHS Foundation Trust*

### **When the extended hippocampal system is of no need for context-free memory: A case of developmental amnesia**

Jonin, PY<sup>1,2,3</sup>, Besson, G<sup>2</sup>, Pariente, J<sup>4</sup>, La Joie, R<sup>5</sup>, Belliard, S<sup>1,5</sup>, Barillot, C<sup>3</sup>, Barbeau, EJ<sup>2</sup>

<sup>1</sup>*CHU Pontchaillou, Rennes,* <sup>2</sup>*CNRS UMR 5549 CerCo, Université Paul Sabatier, UMR 5549, Toulouse,* <sup>3</sup>*Inserm U<sup>746</sup> VisAGeS, Université de Rennes<sup>1</sup>, U746, Inria, Rennes,* <sup>4</sup>*Inserm U825, Université Paul Sabatier, Toulouse,* <sup>5</sup>*Inserm U1077, Université de Caen Basse Normandie, UMR-S1077, Ecole Pratique des Hautes Etudes, UMR-S1077, CHU Caen*

### **Whether or not we remember our negative actions, we judge our traits positively: Evidence from transient global amnesia**

Aurelija Juskenaite<sup>1,2,3,4</sup>, Mickaël Laisney<sup>1,2,3,4</sup>, Béatrice Desgranges<sup>1,2,3,4</sup>, Jacques Dayan<sup>1,2,3,4</sup>, Fausto Viader<sup>1,2,3,4,5</sup>, Francis Eustache<sup>1,2,3,4\*</sup>, Peggy Quinette<sup>1,2,3,4</sup>

<sup>1</sup> *U1077, Inserm, Caen,* <sup>2</sup> *UMR-S1077, Université de Caen-Normandie,* <sup>3</sup> *UMR-S1077, EPHE, Caen,* <sup>4</sup> *U1077, Caen University Hospital,* <sup>5</sup> *Neurology Department, Caen University Hospital*

### **Hemispheric contributions during categorisation of natural images**

Anaïs Leroy<sup>1</sup>, Sara Spotorno<sup>2</sup>, Sylvane Faure<sup>1</sup>

<sup>1</sup> *Laboratoire d'Anthropologie et de Psychologie Cognitives et Sociales, Univ. Nice Sophia Antipolis, France,* <sup>2</sup> *School of Psychology, University of Aberdeen*

### **Executive functioning in schizophrenia: unique and shared variance with measures of fluid intelligence**

Martin, A.K.<sup>1,5</sup>, Mowry, B.<sup>1,2</sup>, Reutens, D.<sup>3</sup>, Robinson, G. A.<sup>4</sup>

<sup>1</sup>University of Queensland, Queensland Brain Institute, <sup>2</sup> University of Queensland, Queensland Centre for Mental Health Research, <sup>3</sup> University of Queensland, Centre for Advanced Imaging, <sup>4</sup> University of Queensland, School of Psychology, <sup>5</sup> University of Queensland, Centre for Clinical Research

### **Relationships between behavioural intra-individual variability and resting-state fMRI functional connectivity**

Mella, N.<sup>1</sup>, Pretti, G.<sup>2,3</sup>, Eagleson, R.<sup>4</sup>, de Ribaupierre, S.<sup>4,5</sup>, Van de Ville, D.<sup>1,2</sup>, de Ribaupierre, A.<sup>1</sup>

<sup>1</sup>FPSE, University of Geneva, Geneva, Switzerland, <sup>2</sup>University Hospital Geneva, Radiology-CIBM, Geneva, Switzerland, <sup>3</sup>EPFL, Institute of Bioengineering, Lausanne, Switzerland, <sup>4</sup>Electrical and Computer Engineering, Western University, Canada, <sup>5</sup>Clinical Neurological Sciences, Western University, Canada

### **Executive functions and theory of mind impairments in school-age children with Duchenne Muscular Dystrophy**

Charlotte Menntrey<sup>1</sup>, Isabelle Jambaque<sup>1</sup>, Isabelle Desguerres<sup>2</sup>, Nathalie Angeard<sup>1</sup>

<sup>1</sup>Inserm U1129, Paris, France; Paris Descartes University, Sorbonne Paris Cité, France; CEA, Gif sur Yvette, France, <sup>2</sup> AHPH, Centre de Référence Neuromusculaire, Hôpital Necker-Enfants Malades, Paris, France

### **Cognitive functioning among 1723 older French couples: A dyadic analysis**

Laetitia Rullier, Céline Meillon, Hélène Amieva

University of Bordeaux, INSERM U1219 Bordeaux Population Health Research Center, team "Psychoepidemiology of aging and chronic diseases"

### **The impact of cognitive reserve on recognition memory performance is dependent of the task format in healthy aging**

Jessica Simon, Jessica Gilsoul, Christine Bastin

University of Liège, Cyclotron Research Center

### **Alterations in default-mode network connectivity in adolescents with post-traumatic stress disorder**

Armelle Viard<sup>1,2,3,4</sup>, Sandra Chanraud<sup>5</sup>, Fanny Dégeilh<sup>1,2,3,4</sup>, Fabian Guénolé<sup>1,2,3,4</sup>, Priscille Gérardin<sup>6,7</sup>, Jean-Marc Baleyte<sup>1,2,3,4</sup>, Jacques Dayan<sup>1,2,3,8</sup>, Francis Eustache<sup>1,2,3,4</sup>, Bérengère Guillery-Girard<sup>1,2,3,4</sup>

<sup>1</sup>U1077, INSERM, Caen, <sup>2</sup>U1077, University of Caen Normandy, Caen, <sup>3</sup>U1077, Ecole Pratique des Hautes Etudes, Caen, <sup>4</sup>U1077, Caen University Hospital, <sup>5</sup>INICIA CNRS UMR 5287, Université Bordeaux Ségalen, <sup>6</sup>Rouen University Hospital, Rouen, <sup>7</sup>Psy-NCA-EA-4700, University of Rouen, <sup>8</sup>Rennes University Hospital

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## **Session B**

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### **Fronto-striatal correlates of behavioural disturbances in frontotemporal dementia**

Maxime Bertoux<sup>1,2,3</sup>, Emma Flanagan<sup>1,2,3</sup>, John R. Hodges<sup>2</sup>, Michael Hornberger<sup>1,2,3</sup>

<sup>1</sup>Department of Clinical Neurosciences, University of Cambridge, <sup>2</sup>Frontiers, Neuroscience Research Australia, Sydney, Australia, <sup>3</sup>Norwich Medical School, University of East Anglia

### **Non declarative metamemory measure in Alzheimer's disease**

Julie Bertrand<sup>1</sup>, Chris Moulin<sup>2</sup>, Olivier Rouaud<sup>3</sup>, Sophie Guillemin<sup>3</sup>, Céline Souchay<sup>2</sup>, Yannick Béjot<sup>1,3</sup>

<sup>1</sup>Unité de recherche EA4184, Centre d'épidémiologie de populations et de santé publique de Bourgogne (CEP), <sup>2</sup>Laboratoire de Psychologie et NeuroCognition, LPNC UMR CNRS 5105, Université de Grenoble Alpes, <sup>3</sup>Centre Mémoire Ressources et Recherche (CMRR), Hôpital François Mitterrand, Dijon

**Emotional connections need structural connections: Inter-individual variation in uncinate fasciculus microstructure is related to facial emotion processing**

Coad BM, Postans M, Hodgetts CJ, Graham KS, Lawrence AD

*Cardiff University Brain Research Imaging Centre (CUBRIC), School of Psychology, Cardiff University*

**Source memory rehabilitation**

Mohamad El Haj

*University of Lille*

**Executive functioning and not attribution of intention predicts environmentally-driven behaviours in behavioural-variant frontotemporal dementia**

Flanagan, E.C.<sup>1,2</sup>, Hahn-Barma, V.<sup>3</sup>, Guichart-Gomez, E.<sup>3</sup>, Dubois, B.<sup>4</sup>, Bertoux, M.<sup>1,2,4</sup>, Hornberger, M.<sup>2,5</sup>

<sup>1</sup>*Department of Clinical Neurosciences, University of Cambridge, Cambridge,* <sup>2</sup>*Norwich Medical School, University of East Anglia, Norwich,* <sup>3</sup>*Unité de Neurologie de la Mémoire et du Langage. Service de Neurologie - Pôle des neurosciences. Centre Hospitalier Sainte Anne, Paris,* <sup>4</sup>*Centre des Maladies Cognitives et Comportementales. Département de Neurologie, Hôpital de la Pitié-Salpêtrière, Paris,* <sup>5</sup>*Australian Research Council Centre of Excellence in Cognition and its Disorders, Sydney, Australia*

**The effect of aging on associative memory for semantically-related word pairs**

Adrien Folville, Emma Delhay, Christine Bastin

*Cyclotron Research Center, University of Liège, Belgium*

**Differences in Self Defining Memories according to the substance of choice in dependent patients**

Gandolphe, M-C and Nandrino, J-L

*University of Lille, SCALab UMR CNRS 9193*

**Recollection versus familiarity in normal aging and in mild cognitive impairment: Impact of test format**

Jessica Gilsoul<sup>1</sup>, Jessica Simon<sup>1</sup>, Eric Salmon<sup>1,2</sup>, Christine Bastin<sup>1</sup>

<sup>1</sup>*University of Liège, Cyclotron Research Center,* <sup>2</sup>*Memory Clinic, University Hospital*

**Normative data for a neuropsychological test to the oldest old: The TNI<sup>-93</sup> from the AMI study**

Giulio Caroline<sup>1</sup>, Maillat Didier<sup>2</sup>, Fanny Matharan<sup>1</sup>, Karine Pérès<sup>1</sup>, Amieva Hélène<sup>1</sup>

<sup>1</sup>*INSERM U1219 Bordeaux Population Health Research Center, team "Psychoepidemiology of aging and chronic diseases", University of Bordeaux, Bordeaux,* <sup>2</sup>*Consultation Mémoire, Centre Hospitalier Universitaire Avicenne, Assistance Publique-Hôpitaux de Paris, Bobigny*

**Enhanced gist representation in childhood-acquired amnesia: A case study**

Kata Pauly-Takacs<sup>1</sup> and Chris Moulin<sup>2</sup>

<sup>1</sup>*Leeds Beckett University, UK,* <sup>2</sup>*Université Grenoble Alpes, France*

**Patterns of brain atrophy associated with memory decline in aging: A 12 year longitudinal study**

Amandine Pelletier<sup>1,2</sup>, Charlotte Bernard<sup>3,4</sup>, Bixente Dilharreguy<sup>3,4</sup>, Catherine Helmer<sup>1,2</sup>, Sandra Chanraud<sup>3,4,5</sup>, Jean-François Dartigues<sup>1,2</sup>, Michèle Allard<sup>3,4,5,6</sup>, Hélène Amieva<sup>1,2</sup>, Gwénaëlle Catheline<sup>3,4,5</sup>

<sup>1</sup>*Univ. Bordeaux, ISPED, Centre INSERM U897, F-33000 Bordeaux,* <sup>2</sup>*INSERM, ISPED, Centre INSERM U897, F-33000 Bordeaux,* <sup>3</sup>*Univ. Bordeaux, INCIA, UMR 5287, F-33000 Bordeaux,* <sup>4</sup>*CNRS, INCIA, UMR 5287, F-33000 Bordeaux,* <sup>5</sup>*EPHE, F-33000 Bordeaux,* <sup>6</sup>*CHU de Bordeaux, F-33000 Bordeaux*



## **Combining high-frequency tRNS and action observation: A possible paradigm for future rehabilitation of motor impairment following brain damage**

Sebastian Sporn, Michael Banissy, Gianna Cocchini  
*Psychology Department, Goldsmiths University of London*

## **Are the ERP correlates of personal semantics different from those of general semantics?**

Annick N. Tanguay<sup>1</sup>, Kylee T. Ramdeen<sup>1</sup>, Abdo Elnakouri<sup>1</sup>, Kerri D. Adams<sup>1</sup>, Alix Hill<sup>1</sup>, Vanessa Taler<sup>1,2</sup>, Patrick S. R. Davidson<sup>1,2</sup>, Louis Renault<sup>3</sup>

<sup>1</sup> *School of Psychology, University of Ottawa, Ontario, Canada;* <sup>2</sup> *Bruyère Research Institute, Ontario, Canada* <sup>3</sup> *School of Psychology, University of East Anglia, Norwich, UK*

## **The role of self and emotion in incidental memory**

Alfred Veldhuis, Sanjay Kumar, Clare Rathbone, Michael Pilling  
*Psychology, Social Work and Public Health, Oxford Brookes University*

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### **Session C**

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## **The effect of aging on associative memory and underlying recognition processes for pre-existing associations in memory: The case of compound words**

Emma Delhayé, Christine Bastin  
*Cyclotron Research Center, University of Liège, Belgium*

## **Social cognition in the frontal variant of Alzheimer's disease: A case study**

Harmony Duclos<sup>1,2,3</sup>, Anne-Laure Bonnet<sup>4</sup>, Vincent De La Sayette<sup>1,2,3,4</sup>, Armelle Viard<sup>1,2,3</sup>, Francis Eustache<sup>1,2,3</sup>, Béatrice Desgranges<sup>1,2,3</sup>, Mickaël Laisney<sup>1,2,3</sup>

<sup>1</sup> *Inserm, UMR-S1077, Caen,* <sup>2</sup> *Université Caen Normandie, UMR-S1077, Caen,* <sup>3</sup> *École Pratique des Hautes Études, UMR-S1077, Caen,* <sup>4</sup> *Department of Neurology, University Hospital, Caen*

## **Neural bases of subsequent forgetting in young and older adults**

Sarah François<sup>1,2</sup>, Lucie Angel<sup>3</sup>, Eric Salmon<sup>1</sup>, Christine Bastin<sup>1,2</sup>, Fabienne Collette<sup>1,2</sup>

<sup>1</sup> *Centre de Recherches du Cyclotron, Université de Liège, Belgique,* <sup>2</sup> *Département de Psychologie: Cognition et Comportement, Université de Liège, Belgique,* <sup>3</sup> *Université François Rabelais de Tours, France*

## **Musical practice as a way to rehabilitate unilateral spatial neglect: A single case study**

Alma Guilbert, Sylvain Clément, Christine Moroni  
*Axe "Neuropsychologie, Audition, Cognition, Action" (NACA), Laboratoire "Psychologie: Interactions, Temps, Emotions, Cognition" (PSITEC), Université Lille Nord de France*

## **The impact of dopaminergic genes on inhibitory processes and cognitive control**

Mathieu Jaspard<sup>1,2</sup>, Vincenzo Muto<sup>1,2</sup>, Christelle Meyer<sup>1</sup>, Wouter Coppieter<sup>3</sup>, Michel Georges<sup>3</sup>, Pierre Maquet<sup>1</sup>, Fabienne Collette<sup>1,2</sup>

<sup>1</sup> *Cyclotron Research Center, University of Liège, Belgium,* <sup>2</sup> *Department of Psychology, University of Liège,* <sup>3</sup> *Department of Genetics, University of Liège*

## **The missing link between visuospatial performance and gender stereotype activation : A preliminary study**

Camille Lelaurin<sup>1</sup>, Ingrid Bethus<sup>2</sup>, Sara Spotorno<sup>3</sup>, Sylvane Faure<sup>1</sup>

<sup>1</sup> *Laboratoire d'Anthropologie et de Psychologie Cognitives et Sociales, Univ. Nice Sophia Antipolis, France,* <sup>2</sup> *Institut de Pharmacologie Moléculaire et Cellulaire, IPMC – CNRS, Valbonne, France,* <sup>3</sup> *School of Psychology, University of Aberdeen, UK*

**EpiRéal: Validation of a behavioural test ecological assessment of episodic memory and memory consolidation process. Applying to a population with temporal lobe epilepsy**

Béatrice Lemesle<sup>2</sup>, Emilie Rigal<sup>1</sup>, Emmanuel Barbeau<sup>3</sup>, Elsa Pomes<sup>2,4</sup>, Sophie Nuz<sup>2,4</sup>, Oury Bensemhoun<sup>4</sup>, Catherine Le Berre<sup>4</sup>, Sarah Partouche<sup>4</sup>, Jonathan Curot<sup>1,3</sup>, Marie Denuelle<sup>1,3</sup>, Luc Valton<sup>1,3</sup>, Jérémie Pariente<sup>1,2,4</sup>

<sup>1</sup>*Service de Neurologie B8, Centre Mémoire et Langage, Hôpital Pierre-Paul Riquet, CHU Toulouse,*

<sup>2</sup>*Unité de Neuropsychologie, Centre Mémoire et Langage, Hôpital Pierre-Paul Riquet, CHU Toulouse,*

<sup>3</sup>*Laboratoire CERCO, Toulouse,* <sup>4</sup>*Laboratoire INSERM U825, Toulouse*

**Do we think differently as we grow older? An EEG/ERP study**

Martinon, L. M.<sup>1</sup>, Smallwood, J. <sup>2</sup>, Hamilton, C. <sup>1</sup>, Riby, L. M. <sup>1</sup>

<sup>1</sup> *Northumbria University, Faculty of Health & Life Sciences;* <sup>2</sup> *University of York.*

**How cognitive reserve impacts time perception in elderly people**

Clément Msika<sup>1</sup>, Pascal Remy<sup>2</sup>, Marie De Montalembert<sup>1</sup>

<sup>1</sup> *Université Paris Ouest Nanterre la Défense, Laboratoire Cognitions Humaine et Artificielle (Chart-UPON, EA 4004),* <sup>2</sup> *Lycée les Pierres Vives*

**Psychosocioeconomic precariousness, geographical deprivation: what impact on risk of dementia**

Camille Ouvrard, Bachirou Tadde, Céline Meillon, Jean-François Dartigues, José Alberto Avila-Funes, Hélène Amieva

*University of Bordeaux, INSERM U1219 Bordeaux Population Health Research Center, team "Psychoepidemiology of aging and chronic diseases"*

**Are episodic and semantic memory impairments independent in childhood temporal lobe epilepsy? Preliminary results from a congruency effect study**

Charlotte Pinabiaux<sup>3</sup>, Delphine Sitbon<sup>1</sup>, George Dorfmueller<sup>2</sup>, Christine Bulteau<sup>1,2</sup>, Isabelle Jambaqué<sup>1,2</sup>

<sup>1</sup> *INSERM U1129 "Infantile Epilepsies and Brain Plasticity", Paris, France; Université Paris Descartes, Sorbonne Paris Cité; CEA, Gif sur Yvette,* <sup>2</sup> *Rothschild Foundation Hospital, Pediatric Neurosurgery Department, Paris,* <sup>3</sup> *CHArt-UPON (EA4004), Université Paris Ouest Nanterre la Défense*

**Mood and cognitive correlates of fatigue six months after stroke**

Ponchel, A.<sup>1,2</sup>, Bombois, S.<sup>1,3</sup>, Bordet, R.<sup>1</sup>, Hénon, H.<sup>1,2</sup>

<sup>1</sup>*INSERM, U1171, Lille University,* <sup>2</sup>*Vascular neurology department, Roger Salengro Hospital, University Hospital of Lille,* <sup>3</sup>*Memory Resources & Research Centre, Roger Salengro Hospital, University Hospital of Lille*

**Transient global amnesia (TGA): Study of functional connectivity in the memory networks using resting state functional MRI (rsfMRI) during the acute phase**

Emilie Rigal<sup>1,2,4</sup>, Patrice Péran<sup>4</sup>, Béatrice Lemesle<sup>1,2</sup>, Emmanuel Barbeau<sup>3</sup>, Fabrice Bonneville<sup>4,5</sup>, Jérémie Pariente<sup>1,2,4</sup>

<sup>1</sup>*Service de Neurologie B8, Epilepsie Cognition et Mouvements anormaux, Hôpital Pierre-Paul Riquet, CHU Toulouse,* <sup>2</sup>*Unité de Neuropsychologie, Centre Mémoire et Langage, Hôpital Pierre-Paul Riquet, CHU Toulouse,* <sup>3</sup>*Laboratoire CERCO, Toulouse,* <sup>4</sup>*Laboratoire INSERM U825, Toulouse,* <sup>5</sup>*Service de Neuroradiologie, Hôpital Pierre-Paul Riquet, CHU Toulouse*

**Behavioral dysexecutive disorders in Huntington's disease**

Ronat L<sup>1,2</sup>, Allain P<sup>2</sup>, Krystkowiak P<sup>1</sup>, Simonin C<sup>3</sup>, Tir M<sup>1</sup>, Godefroy O<sup>1</sup>, Roussel M<sup>1</sup>

<sup>1</sup>*Neurology, University Hospital Amiens,* <sup>2</sup>*Department of Psychology, University of Angers, France*

<sup>3</sup>*University hospital Lille*