# Academy of Aphasia 54th Annual Meeting October 16-18, 2016 LLandudno, North Wales, UK

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Sunday October 16th		
Wedgwood Suite	8.30-8.45	Opening remarks
Wedgwood Suite	8.45-10.45	Platform 1 - Neural basis of language processing
		Session Chair: Elizabeth Rochon
	10.45-11.00	Coffee break
Wedgwood Suite	11.00-12.30	Platform 2 - Symposium 1 Bilingualism Cognitive Control
		Session Chair: Brendan Weekes
	12.30-1.00	Get lunch
Conwy Suite	1.00-2.30	Poster 1 with lunch
Wedgwood Suite	2.30-4.30	Platform 3 - Treatment
		Session Chair: Loraine Obler
	4.30-5.00	Coffee break
Wedgwood Suite	5.00-6.00	Distinguished speaker address
Isaiah Suite	6.30-7.30	Mentoring session
Wedgwood Suite	7.30 onwards	Reception
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Monday October 17		
Wedgwood Suite	9.00-10.30	Platform 4 - Reading and writing disorders
		Session Chair: Brenda Rapp
	10.30-10.45	Coffee Break
Wedgwood Suite	10.45-12.15	Platform 5 - Word level processing and production
		Session Chair: Randi Martin
	12.15-12.30	Leave for excursion
	12.30-3.00	Excursion - Packed lunch provided
	3.00-4.30	Platform 6 - Neural basis of language processing 2
Wedgwood Suite	3.00 4.30	Session Chair: Kyrana Tsapkini
Conwy Suite	4.30-6.00	Poster 2 with coffee break
Wedgwood Suite	6.00-7.30	Business meeting
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Tuesday Ostal	-04h	
Tuesday October		Distroym - Agrammation and contains a ready stick
Wedgwood Suite	8.30-10.30	Platform 7- Agrammatism and sentence production
		Session Chair: Frank Burchert
Wedgwood Suite	10.30-11.00	Coffee break
	11.00-12.30	Platform 8 - Symposium 2- Cognitive reserves
		Session Chair: Carlo Semenza
<i>C C</i> ::	12.30-1.00	Student Prizes + Get lunch
Conwy Suite	1.00-2.30	Poster 3 with lunch
Wedgwood Suite	2.30-4.00	Platform 9 - Mini workshop on DTI imaging of language
		Session Chair: Stephanie Forkel
	4.00-4.30	Closing comments

#### Sunday October 16

8.45-10.45 Platform 1 – Neural basis of language processing

Session Chair: Elizabeth Rochon

Wedgwood Suite

Neuroplasticity of language in left-hemisphere stroke: evidence linking subsecond electrophysiology and structural connectivity

Vitória Piai, Lars Meyer, Nina F. Dronkers, and Robert T. Knight

The cognitive neuroplasticity of reading recovery in chronic aphasia: A representational similarity approach Simon Fischer-Baum and Ava Jang

Using the local heterogeneity of neural responses to index the integrity of representations and track recovery of function

Jeremy Purcell, Robert Wiley and Brenda Rapp

Neural correlates of semantic processing in patients harboring tumors in the left temporal lobe
Joanna Sierpowska, Andreu Gabarrós, Alejandro Fernandez-Coello, Angels Camins, Sara Castañer,
Montserrat Juncadella Puig and Antoni Rodriguez-Fornells

# 11.00-12.30 Platform 2 – Symposium 1 – Bilingualism Cognitive Control

Session Chair: Brendan Weekes

Wedgwood Suite

Bilingualism and cognitive control

Brendan Weekes, Swathi Kiran, Anthony Pak Hin Kong, Teresa J. Gray and Marco Calabria

Pathological switching and mixing in bi-/multi-lingual speakers with acquired language disorders Anthony Pak Hin Kong

Control mechanisms in aphasia

Teresa J Gray and Swathi Kiran

Language control dysfunctions in bilinguals: a neurodegenerative perspective Marco Calabria, Gabriele Cattaneo and Albert Costa

# 1.00-2.30 Poster 1 with lunch *Conwy Suite*

#### Cognitive Factors

Relationships among individual differences in tone processing and cognitive functions: A case study of Cantonese tone merger

Jinghua Ou and Sampo Law

Production of main concepts by Mandarin-speakers with traumatic brain injury in China: A pilot study Glen Ning Gao, Anthony Pak Hin Kong and Kai-Yan Dustin Lau

Cognitive costs of perspective-taking in an individual with nonfluent aphasia Alison M. Trude and Nazbanou Nozari

*Inhibition and language processing deficits in different types of aphasia* Ekaterina Kuzmina and Brendan Weekes

## General language processing

Devine aphasia 1: You must go on, I can't go on, I'll go on 2. Decoding Samuel Beckett's style 1 From Lucky's speech, in Waiting for Godot; 2 from The Unnamable p.134

Chris Code and Laura Salisbury

Conducting corpus-based analyses of linguistic, acoustic, and co-verbal performances in aphasia using the Cantonese AphasiaBank database

Anthony Pak Hin Kong and Sampo Law

Testing the contrast between mass and count nouns. Effects of frequency and context Chiara Zanini, Carlo Semenza, Giorgio Arcara and Francesca Franzon

*Integrity and function of gestures in aphasia* Niloofar Akhavan, Tilbe Göksun, Rouzbeh Kazemi and Nazbanou Nozari

Language prediction in aging and aphasia
Spyridoula Cheimariou, Thomas A. Farmer and Jean K. Gordon

#### Grammatical factors

*The Role of Zero-Derivation in Lexical Processing*Sladjana Lukic, Masaya Yoshida and Cynthia K. Thompson

Online Syntactic Prediction in Agrammatic Aphasia: Evidence from ERPs Chien-Ju Hsu, Masaya Yoshida, Elena Barbieri and Cynthia K. Thompson

Agrammatic Aphasia following Right versus Left Basal Ganglia Lesions: case reports and review of the literature

Venugopal Balasubramanian, Maureen Costello, Maha Aldera and Judith Koebli

The canonicity of word order was a better predictor for syntactic priming and working memory measures than the active-passive syntactic manipulation in aphasia: Evidence from a verb-final language

Bora Eom, Jee Eun Sung, Soo Eun Lee, Chaewon Park, Seung He Paik, Hanjae Lee, Yena Kim and Yoon Ah Kim

Syntactic complexity does not affect verbal working memory capacity in non-fluent variant PPA Eleni Peristeri, Ianthi Maria Tsimpli and Kyrana Tsapkini

#### **Imaging**

Combined linguistic-executive therapy of word processing in aphasia Stefanie Abel and Klaus Willmes

Brain correlates of adjective and noun production in healthy speakers and two people with aphasia Kati Renvall, Hana Burianová and Lyndsey Nickels

Non-perceptual regions in the left supramarginal gyrus support phonological short-term memory: evidence from lesion-symptom mapping and fMRI studies

Qiuhai Yue, Heather Dial and Randi Martin

Learning by Stimulation: Investigating the Effect of tDCS on Repetition Priming and Incidental Foreign Language Vocabulary Acquisition in Healthy Young Adults

Joshua S. Payne, Guillaume Thierry, Paul Mullins and Marie-Josephe Tainturier

### Multilingual processing

Functional processing units in writing Chinese – A developmental study

Dustin Kai-Yan Lau, Winnie Wai-Tsz Ha and Amy Hoi-Shan Law

Comprehension of wh-questions in Turkish-German bilingual speakers with fluent and non-fluent aphasia: a multiple case study

Seçkin Arslan and Claudia Felser

*Verb-production treatment in multilingual aphasia: Cross-linguistic generalization or inhibition?* Monica I. Knoph, Marianne Lind and Hanne G. Simonsen

Cross-language generalisation of treatment effects following errorless treatment in Welsh-English bilingual anomia

Emma K. Hughes, Lynne Rothwell and Marie-Josephe Tainturier

The use of Swiss German and High German in aphasia testing in Switzerland Sandra Widmer Beierlein and Constanze Vorwerg

Directionality of Language-Mixing in Bilinguals with Non-Fluent Aphasia Avanthi Paplikar, Mira Goral, Martin R. Gitterman and Loraine K. Obler

## Phonological processing

Phonetic and/or phonological paraphasias in aphasia: An acoustic study of speech output in two aphasic patients

Clémence Verhaegen, Véronique Delvaux, , Sophie Fagniart, Kathy Huet, Myriam Piccaluga and Bernard Harmegnies

Impaired speech perception leads to poor semantic access: ERP evidence from individuals with pathologically or artificially impaired speech perception

James L. Keidel, Emma Pilkington, Louise Evans, Vincent Deluca and Holly Robson

Word deafness with preserved number word comprehension Rachel Mis and Simon Fischer-Baum

The neural underpinnings of pure word deafness following left temporal damage Chiara Maffei, Rita Capasso, Giulia Cazzolli, Flavio Dell'Acqua, Marco Catani and Gabriele Miceli

#### PPA/Dementia

The effect of semantic memory deficits on global coherence: An analysis of the discourse of patients with the semantic variant of primary progressive aphasia

Bruna Seixas Lima, Naida L. Graham, Carol Leonard, Sandra E. Black, David Tang-Wai, Morris Freedman, Brian Levine and Elizabeth Rochon

*Initiation and suppression of verbal responses in Primary Progressive Aphasia*Naida L. Graham, Carol Leonard, David Tang-Wai, Sandra E. Black and Elizabeth Rochon

Sentence Comprehension Deficits as a Critical Linguistic Marker to Differentiate Mild Cognitive Impairment from Normal Aging

Jee Eun Sung, Bora Eom, Chaewon Park, Seung He Paik, Hanjae Lee, Jee Hyang Jeong and Geonha Kim

Treatment of spoken and written word retrieval in primary progressive aphasia Trudy Krajenbrink, Karen Croot, Cathleen Taylor and Lyndsey A. Nickels

#### **Treatment**

Multi-Step Treatment for Acquired Alexia and Agraphia: Treatment Effects, Generalization, and Response to Individual Therapy Tasks

Jeffrey P. Johnson, Katrina Ross and Swathi Kiran

Melodic intonation therapy as an effective facilitator of language function recovery: A DTI study in people with non-fluent aphasia

Natalie Y. Wang and Fan-Pei G. Yang

A matched assessment/rehabilitation resource to assess functional gains after naming therapy Samantha Tyler, Iman Idrees, Louise Lander, Andrew Olson and Cristina Romani

What words should be trained together? Effects of semantic and orthographic blocking on dysgraphia treatment

Bonnie L. Breining and Brenda Rapp

The efficacy of cognitive-linguistic treatment in stroke patients with chronic aphasia

Evy Visch-Brink, Carolina Mendez Orellana, Hester Lingsma, Femke Nouwens, Marjolein de JongHagelstein, Peter Koudstaal and Marion Smits

*N-back training in aphasia: a systematic investigation of near and far transfer effects* Lilla Zakariás, Christos Salis and Isabell Wartenburger

## 2.30-4.30 Platform 3 – Treatment Session Chair: Loraine Obler Wedgwood Suite

Recovery of sentence production following language treatment in aphasia: Evidence from eyetracking Jennifer E. Mack, Michaela Nerantzini, Matthew Walenski, Min Liao and Cynthia Thompson

Efficacy of Group Language Games as Therapy for Post-Stroke Aphasia
Louise Lander, Cristina Romani, Iman Idrees, Samantha Tyler and Andrew Olson

Promoting generalisation of naming therapy to connected speech through reducing naming speed Christina Sotiropoulou, Paul Conroy and Matthew Lambon Ralph

Imaging tDCS intervention effects in primary progressive aphasia

Kyrana Tsapkini, Andreia Faria, Ashlely Harris, John Desmond, Brenda Rapp, Constnatine Frangakis, Martin Lindquist and Argye Hillis

#### Monday October 17

9.00-10.30 Platform 4 – Reading and writing disorders

Session Chair: Brenda Rapp

Wedgwood Suite

Reading Comprehension in aphasia: Exploring the relationship between linguistic profile and personal perception

Janet Webster, Julie Morris, David Howard and Maria Garraffa

Post-lexical representations and processes in writing: Evidence from peripheral dysgraphia Michael Mccloskey, Teresa Schubert and Caroline Reilhac

Mapping the intersection of aphasia and dyslexia post-stroke: The neural bases of the primary systems hypothesis

Anna M. Woollams, Ajay Halai and Matthew A. Lambon Ralph

#### 10.45-12.15 Platform 5 – Word level processing and production

Session Chair: Randi Martin

Wedgwood Suite

Dynamic Recovery of Language Comprehension from Acute Wernicke's Aphasia Holly Robson, Timothy D. Griffiths, Manon Grube and Anna M. Woollams

The nature of jargon: an analysis of phonemic content and target relatedness of non-words Emma Pilkington, Holly Robson, Karen Sage and Douglas Saddy

How should we approach the study of fluency? A corpus analysis Nozbanu Nozari and Yasmeen Faroqi-Shah

# 3.00-4.30 Platform 6 - Neural basis of language processing 2 Session Chair: Kyrana Tsapkini

Wedgwood Suite

Electrophysiological signatures of semantic and syntactic processing in Primary Progressive Aphasia: integration and re-analysis processes during auditory sentence comprehension

Elena Barbieri, Matthew Walenski, Chien-Ju Hsu, Katrin Bovbjerg, Brianne Dougherty, Marek-Marsel Mesulam and Cynthia K. Thompson

Behavioral and neural measures of error detection and correction in persons with aphasia Caroline A. Niziolek and Swathi Kiran

Differences between monolinguals and bilinguals in mean diffusivity
Nandini C. Singh, Matteo Canini, Pasquale Della Rosa, Brendan Weekes and Jubin Abutalebi

# 4.30-6.00 Poster 2 with coffee break *Conwy Suite*

General language processing

Pragmatics and Aphasia: A case study

Krystallia Pantsiou, Felix Diaz Martinez and Hariklia Proios

Why did the Cat Get up the Tree? What Picture Descriptions can Tell us about Conceptualisation Deficits in Aphasia

Inga Hameister and Lyndsey Nickels

Variability and/or Consistency in Picture Naming by a Person with Aphasia? A Single Case Study Jacqueline Stark, Fiona Renn and Teresa Kambitsis

#### Grammatical factors

Concreteness effects on semantic processing of single Chinese characters using mixed effects modeling of EEG data

Sampo Law, Yen Na Yum and Wing-Lam G. Cheung

Frequency effects in sentence production in acquired aphasia: a preliminary investigation Elizabeth C. Anderson, Ruth Herbert and Patricia E. Cowell

A selective deficit in morpho-phonology Michele Miozzo and Victoria P. Shuster

Selective Impairment in Closed-Class Word Production: A Single Case Study Elizabeth E. Galletta and Paola Marangolo

#### **Imaging**

The Effects of Semantic Constraint and Cloze Probability in Left and Right Hemisphere Damaged Individuals

Chia-Ju Chou, Chih-Ting Chang, Hsin-Chi Wu and Chia-Ying Lee

Differential effects of transcranial direct current stimulation (tDCS) on Broca's area and its right hemisphere homologue during metaphor processing

Ekaterini Klepousniotou, Alison Allsopp, Eleanor Boardman and Daniel Martindale

The effects of training action naming: a BOLD fMRI study Vânia de Aguiar, Adrià Rofes, Angelika Lingnau and Gabriele Miceli

The role of the temporal poles in proper naming and people recognition: a tDCS study Alberto Pisoni, Leonor J. Romero Lauro and Costanza Papagno

Connectivity correlates of cognitive and language dysfunction in traumatic brain injury Michelle Hall, Lauren L. Cloutman and Anna M. Woollams

Lexical processing depends on sublexical processing: Evidence from the visual world paradigm with aphasia Heather R. Dial, Bob McMurray and Randi Martin

The left frontal aslant tract is important for written communication irrespective of handedness
Henrietta Howells, Stephanie Forkel, Flavio Dell'Acqua, Anoushka Leslie, Andy Simmons, Declan Murphy
and Marco Catani

#### Semantic and word processing

Semantic context effects on picture naming in aphasia Gregoire Python, Marie Villain, Anne-Carine Gay and Marina Laganaro Assessment of lexical semantics in healthy speakers and people with aphasia Lucy Dyson, Jane Morgan, Richard Body and Ruth Herbert

Picture Naming Error Patterns in Aging and Aphasia Jean K. Gordon

Seeing the wood for the broccoli: Name Agreement in Aphasia Arpita Bose and Graham Schafer

#### *TBI*

A preliminary report of the narrative abilities and verb production among Mandarin-speaking individuals with traumatic brain injury

Karin Chi-Shan Ngai, Anthony Pak Hin Kong and Kai-Yan Dustin Lau

Figurative language and aggression after traumatic brain injury: Does sarcasm in spoken language have a role in modulating aggressive behaviour?

Joanne M. Allen and Ekaterini Klepousniotou

Pragmatic Abilities in Patients with Traumatic Brain Injury

Giorgio Arcara, Valentina Bambini, Elisabetta Mondin, Giulia Muriago, Edda Sgarabottolo, Gianettore Bertagnoni and Carlo Semenza

#### **Treatment**

Maintenance of Anomia Treatment Effects in Primary Progressive Aphasia Aaron Meyer, Donna Tippett, R. Scott Turner and Rhonda Friedman

Speech Therapy in a Virtual World: Building Friendships in a Telepractice Aphasia Communication Group Judy P. Walker and Katelyn Jacques

A systematic review of music interventions in the treatment of aphasia Kim Daley-Meunier, Alissa Azzimmaturo, Carol Leonard, Elizabeth Rochon, and Mary Egan

Maintenance of Treatment Effects in Anomia Rehabilitation Rhonda B. Friedman, Kevin T. Jones and Sarah F. Snider

Recovering from a stroke: A narrative review on post-stroke anxiety treatment and management Samantha N. Furbee

Using language for communication and action makes intensive aphasia therapy more effective: a crossover randomized controlled trial

Benjamin Stahl, Bettina Mohr, Felix R. Dreyer, Guglielmo Lucchese and Friedemann Pulvermüller

Language recovery in aphasia following implicit structural priming Grace Man and Jiyeon Lee

#### Writing disorders

Phonology-to-orthography consistency at sublexical level in Chinese writing Karen Hau-Wan Ma and Dustin Kai-Yan Lau

Domain specificity in orthographic long-term and working memory

Brenda Rapp, Jennifer Shea, Rachel Mis and Randi Martin

Multi-Step Treatment for Acquired Alexia and Agraphia: Two-Dimensional Analysis of Reading and Writing Errors

Katrina Ross, Jeffrey P. Johnson, Shreya Ramesh, Marcos A. Zedan and Swathi Kiran

Separate processes of semantic radicals and phonetic radicals in Chinese character writing: evidence from a Chinese dysgraphic patient

Heidi Hoi-Ching Yeung and Kai-Yan Dustin Lau

#### **Tuesday October 18**

8.30-10.30 Platform 7 – Agrammatism and sentence production

Session Chair: Frank Burchert

Wedgwood Suite

Implications of Explicit and Implicit Discourse-Linked Pronoun Processing in People with Aphasia Cecilia Devers, David Howard and Janet Webster

Semantic but not Phonological Short-Term Memory Supports Sentence Elaboration in Narrative Production: Evidence from Left Hemisphere Acute Stroke

Randi C. Martin, Tatiana Schnur and Jolie Anderson

Time reference in agrammatic aphasia and probable Alzheimer's disease: A cross-linguistic test of the PAst DIscourse LInking Hypothesis

Valantis Fyndanis, Giorgio Arcara, Dimitra Arfani, Frank Burchert, Francesca Burgio, Annachiara Cagnin, Rita Capasso, Paraskevi Christidou, Marialuisa Gandolfi, Helene Gerda Killmer, Anna Maculan, Lambros Messinis, Gabriele Micelio, Fabio Palla, Eugenia Panagea, Sokratis Papageorgiou, Panagiotis Papathanasopoulos, Serena de Pellegrin, Carlo Semenza, Nicola Smania, Spyridoula Varlokosta and Isabell Wartenburger

Morphophonological patterns in the lexicon influence past-tense production in aphasia Stacey Rimikis, Adam Buchwald and Michele Miozzo

11.00-12.30 Platform 8 – Symposium 2 – Cognitive reserves

Session Chair: Carlo Semenza

Wedgwood Suite

Cognitive Reserve and Ageing. What does cognitive reserve protect in Ageing? Sara Mondini and Carlo Semenza

Math abilities in Aging: relationship with Cognitive Reserve
Carlo Semenza, Sara Mondini, Alice Bisso, Francesca Meneghello and Giorgio Arcara

Do aetiology, age and cognitive reserve affect language and executive performance of frontal patients? Lisa Cipolotti

Quantity abilities across the life span

Marinella Cappelletti, Ana Maria Rivas Gajales and Vyacheslas Karolis

1.00-2.30 Poster 3 with lunch

#### Conwy Suite

#### **Discourse**

An investigation of global and local coherence of spontaneous personal versus descriptive narratives in native Chinese speakers with traumatic brain injury: Preliminary data

Wendy Chow, Anthony Pak Hin Kong and Kai-Yan Dustin Lau

Can co-verbal gestures facilitate word finding difficulties during production of spontaneous discourse? Charis Ka-Yan Cheung, Anthony Pak Hin Kong and Sampo Law

Propositional analysis of discourse produced by Chinese speakers with traumatic brain injury Vina Leung, Connie Wong, Anthony Pak Hin Kong and Kai-Yan Dustin Lau

Cohesion in oral discourse of Mandarin-speaking adults with traumatic brain injury: Report of pilot data on story telling

Kenny Mok, Anthony Pak Hin Kong and Kai-Yan Dustin Lau

#### General outcomes

Language Outcomes in Epilepsy Surgery Predicted by a Standardized Preoperative Language Battery Donna L. Bandur, S. de Ribaupierre, A. Khan, K. MacDougall, A. Parrent, D. Steven, J. Theurer and K. Wang

The internet and the social media as a source of information and support in aphasia Eugenia P. Kouki, Mary H. Kosmidis and Hariklia Proios

Inducing pure alexia in healthy adults

Daniel J. Roberts, Filipe Cristino, Josh S. Payne, Luke T. Kendrick and Marie-Josephe Tainturier

AutoRAT at your fingertips: Introducing the new Russian Aphasia Test on a tablet
Maria Ivanova, Olga Dragoy, Julia Akinina, Olga Soloukhina, Ekaterina Iskra, Mariya Khudyakova and
Tatiana Akhutina

Spontaneous speech in patients with gliomas in eloquent areas: evaluation until 1 year after surgery Djaina Satoer, Arnaud Vincent, Marion Smits, Clemens Dirven and Evy Visch-Brink

Usability and validity of a phone battery to assess language functions in brain tumor patients undergoing awake surgery

Elke De Witte, Vitória Piai, Mitchel Berger and Nina F. Dronkers

#### Grammatical factors

Syntactic entrainment in aging and aphasia

Jiyeon Lee, Sonal Kumar, Jessica Dick, Victor Ferreira and Nick Gruberg

Sensitivity to verb-argument anomalies in aphasia is driven by event knowledge Michael W. Dickey, Michael Holcomb and Tessa Warren

Prefixed words are produced similarly to compounds but not to suffixed words: Evidence from a case of deep dyslexia

Laura Anna Ciaccio and Frank Burchert

On the association between memory capacity and sentence comprehension: Insights from a systematic review and meta-analysis of the aphasia literature

Maria Varkanitsa

Structural Priming in Aphasia

Andy P. Buddery, Ruth E. Herbert and Patricia E. Cowell

#### Imaging

Exploring the impact of laterality and polarity of tDCS on therapy for chronic post-stroke anomia Margaret Sandars, Lauren L. Cloutman and Anna M. Woollams

A novel approach for investigating the functional segregation of linguistic functions within fronto-parietal networks

Valeria Parlatini, Joaquim Radua, Flavio Dell'Acqua, Marco Catani, Declan Murphy and Michel Thiebaut de Schotten

Predictability effect reflects different contributions from each hemisphere: data from left and right hemisphere damage patients

Chih-Ting Chang, Chia-Ju Chou, Hsin-Chi Wu, Jong-Ling Fuh and Chia-Ying Lee

Frontotemporal effective connectivity during semantic feature judgments in patients with aphasia versus healthy controls

Erin L. Meier and Swathi Kiran

The anatomy of the posterior segment of the arcuate fasciculus correlates with reading and vocabulary comprehension performance

Naianna Robertsson, Stephanie Forkel, Flavio Dell'Acqua and Marco Catani

# **Learning**

Rapid cross-situational learning of novel word-referent mappings without feedback in aphasia Claudia Peñaloza, Matti Laine, Nadine Martin and Antoni Rodríguez-Fornells

Retrieval Practice and Spacing Effects in Naming Rehabilitation: A Theory of Learning Erica Middleton

Effects of attempted naming on word retrieval for individuals with aphasia Ella Creet, Julie Morris, David Howard and Lyndsey A. Nickels

Linguistic and Non-Linguistic Paired Associate Learning in Aphasia Luke T. Kendrick, Holly Robson, Judi Ellis and Lotte Meteyard

#### Multilingual processing

Cognate Effects in Bengali-English Bilingual Aphasia Abhijeet Patra and Arpita Bose

Characteristics of Acquired Dyslexia in Persian; The Effect of Orthographic Depth Mehdi Bakhtiar and Brendan Weekes

Manifestation of Agrammatism in Hindi-English Bilingual Aphasia Anusha Balasubramanian and Arpita Bose An aphasia battery for Qatari/Gulf Arabic

Tariq A. Khwaileh, Eiman Mustafawi, David Howard and Ruth Herbert

Developing a Prototype Naming Therapy Application in Malay for People with Aphasia Fairus Mukhtar, Farhan Mohamed, Mohd Azmarul A Aziz and Nadwah Onwi

#### Phonological processing

Speech error analysis in isolated Apraxia of Speech may reveal subtypes: evidence from two stroke case studies

Claudia Cramer1, Naianna Robertsson, Stephanie J. Forkel and Marco Catani

Phoneme and syllable frequency effects in the errors of aphasic patients: Syllables are structures not 'chunks' Cristina Romani, Claudia Galluzzi and Jeremy Goslin

Contrasting eye-movements in reading aloud and reading silently to localise a speech deficit
Andrew Olson, Dinesh Ramoo, Lilian Rodrigues de Almeida, Steven Frisson and Cristina Romani

Vowel formant dispersion reflects severity of Apraxia of Speech
Dirk B. Den Ouden, Elena Galkina, Alexandra Basilakos and Julius Fridriksson

#### STM

Demographics, short-term memory, word-fluency, and aphasia: Insights from the Aphasia Bank Christos Salis and Gayle DeDe

Do Executive Deficits Underlie Semantic Deficits in Aphasia? Curtiss Chapman and Randi Martin

Conflict during sentence comprehension: What hurts more, executive function or short-term memory deficits?

Malathi Thothathiri and Kelsey L. Mauro

# 2.30-4.00 Platform 9 – Mini workshop on DTI imaging of language Session Chair: Stephanie Forkel *Wedgwood Suite*

*Workshop: tractography-based dissections of language networks*Stephanie J. Forkel, Naianna Robertsson, Claudia Cramer and Henrietta Howells