

**The 43rd Annual Meeting of the Academy of Aphasia
Amsterdam, 23rd – 25th October 2005**

Sunday 23rd October

8.15 – 8.45 Registration

8.45 – 9.00 Welcome and opening of conference.

9.00 – 11.00 Platform session 1 Language and neuro-imaging.

Chair: *Matti Laine*

Dynamics of re-organisation in the language system after stroke: an fMRI: follow-up study from the acute to the chronic stage. (*Saur, Baumgaertner, Lange, Schraknepper, Rijnijes & Weiller*)

Evidence for altered functional connectivity in a language comprehension task following stroke. (*Stamatakis, Marslen-Wilson, Tyler and Fletcher*)

When lexical selection gets tough, the LIFG gets going: a lesion analysis study of interference during word production. (*Schnur, Lee, Coslett, Schwartz & Thompson-Schill*)

Orthographic effects on picture naming in Chinese: a 4T erfMRI study. (*Weekes, de Zubicaray, McMahon, Eastburn, Bryant & Wang*)

11.00 – 11.30

COFFEE

11.30 – 12.30 Platform session 2 Language and dementia

Chair: *Daniel Kempler*

Can Alzheimer's disease patients learn a novel semantic category by implicit means? (*Koenig, Smith, Antani, McCawley, Moore & Grossman*)

The protective effects of behavioural intervention in a case of primary progressive aphasia. (*Rapp & Glucroft*)

12.30 – 2.00

LUNCH

2pm – 3.30 Poster session 1 (including tea)

Lexical processing / deficits

Generative naming in aphasia in conditions of quiet and cafeteria noise distraction. (*LaPointe, Stierwait, Kemker, Heald & Whittington*)

Lexical decision reflects an interaction of word form and meaning: implications for aphasiology. (*Reilly*)

Neighbourhood density effects in auditory non-word processing in aphasia. (*Janse*)

Spared semantic knowledge of manipulable objects but impaired representation of gestures required for their use: a case study. (*Laiacona, Rosci, Allamano & Capitani*)

Are verbs like inanimate objects? (*Bi, Han, Shu & Caramazza*)

A relative vowel deficit in aphasia sparing the lexicon of numbers. (*Bertella, Semenza, Mori, Pignatti & Ceriani*)

Cortical plasticity of language measured by EEG in a case of anomic aphasia. (*Angrilli & Sprionelli*)

Perception of lexical stress differences in LHD and RHD subjects. (*Walker, White, Armitage & Astbury*)

Why verbs could be more demanding of executive resources than nouns: insight from a case study of a fv-FTD patient. (*d'Honinckun & Pillon*)

The semantic-phonological model and progressive aphasia. (*Jokel & Rochon*)

A direct processing route to translate words from the first to the second language: evidence from a case of a bilingual aphasic. (*Detry, Pillon & de Partz*)

A neurolinguistic analysis of neologism in reading. (*Ontko, Gillespie & Buckingham*)

Lexical effects in verbal STM: evidence from phonological output buffer. (*García-Orza & León-Carrión*)

Facilitation and interference in phonological blocked-cyclic naming. (*Hodgson, Schwartz, Schnur & Brecher*)

Deficits in naming in context: the role of semantic STM vs. control of word retrieval. (*Crowther, Biegler & Martin*)

On-line word recognition of verbs and nouns in a French-speaking individual with non-fluent primary progressive aphasia. (*Kehayia, Delyfer & Azevedo*)

Access to lexical phonology does not predict grammatical gender in Welsh: implications for theories of language production. (*Tainturier, Leek, Schiemenz, Williams, Thomas & Gathercole*)

Brain activity and non-aphasic language

A cross-language fMRI study of sentence-level prosody in Mandarin. (*Gandour, Tong, Talavage, Wong, Dziedzic, Xu & Lowe*)

Gender differences and the brain representation of semantic knowledge. (*Capitani, Barbarotto & Laiacina*)

Broca's aphasia and arithmetical disorders in 49 XXXXY syndrome. (*Brioschi, Bertella, Pignatti, Mori, Priano, Grugni, Mauro & Semenza*)

Duration of effects of reticulo-thalamic (centromedianum) stimulation on language processing. (*Bhatnagar & Mandybur*)

Neural resources recruited to disambiguate sentences with a temporary structural ambiguity: a fMRI study.. (*Santos, Gee, Work, Troiani & Grossman*)

Event-related potentials demonstrate prolonged N400 priming effects for English irregular verbs. (*Justus, Larsen, de Mornay Davies & Swick*)

Noun and verb homophones: important predictors of picture naming latencies and implications for aphasia. (*Harris, Randall, Moss & Tyler*)

The neural correlates of imageability and grammatical class in elderly subjects: an event-related fMRI study. (*Ansaldo, Monchi, Roy & Doyon*)

The basal ganglia are receptive to rhythmic compensation during auditory syntactic processing: ERP patient data.. (*Kotz, Gunter & Wonneberger*)

Syntactic and semantic influences on BOLD signal responses to comprehension of relative clauses. (*Caplan, Chen, Waters & Robakis*)

Text comprehension following traumatic brain injury: missing the gist? (*Holliday, Hamilton, Luthra, Oddy & Weekes*)

Age dependent evolution of the attentional resources for the phonological and semantic processing of words: cues in favor of an extension to the HAROLD model of language. (*Mejía-Constain, Walter, Arsenault & Joannette*)

The neural correlates of imageability and grammatical class in elderly subjects. (*Ansaldo, Monchi, Roy & Doyon*)

3.30 – 5.30 Platform session 3 Grammatical processing

Chair: Roelien Bastiaanse

Effects of task complexity on agrammatic production of tense and agreement inflection in Dutch. (*Kok, van Doorn & Kolk*)

Perception of functional morphology in agrammatic Broca's aphasia. (*Dickey, Milman & Thompson*)

Slow sentence processing in agrammatic Broca's aphasia. Evidence from Dutch reflexive-antecedent dependencies. (*Ruigendijk, Avrutin & Burkhardt*)

Discourse linking, canonicity and comprehension of wh-questions in agrammatism. (*Salis & Edwards*)

6.00 – 7.00 Business meeting

Monday 24th October

8.30 – 10 Symposium 1

Towards an understanding of semantic impairment in aphasia and dementia.

Chair: *Gonia Jarema*

The (neuro)-psychology of mass and count nouns: an introduction (*Semenza*)

The semantic organisation of mass nouns and the representational locus of the mass/count distinction. (*Warrington & Crutch*)

A dissociation between semantic and syntactic processing of mass/count information in Alzheimer's disease. (*Taler & Jarema*)

A deficit in noun syntax representations in aphasia (*Herbert & Best*)

Dissociating semantics and English count-mass: evidence from semantic dementia and progressive non-fluent aphasia. (*Vigliocco, Garrard, Vinson & Carrol*)

Mass and count nouns show distinct EEG cortical processes during an explicit semantic task. (*Bisiacchi, Mondini, Angrilli, Marinelli & Semenza*)

10 – 10.30

COFFEE

10.30 – 12.30 Platform session 4 Lexical processing (1)

Chair: *Marie-Joséphine Tainturier*

Reperfusion of selective areas is associated with improved naming in acute stroke. (*Hillis, Vimal, Newhart, Aldrich, Heidler & Ken*)

Using a connectionist model in aphasia therapy for naming disorders. (*Abel, Grande & Huber*)

Exploring the dynamics of aphasic word production using the picture-word interference task: a case study. (*Wilshire, Keall, Stuart & O'Donnell*)

Investigating the serial order mechanism of spelling: a simple recurrent network simulation of the graphemic buffer. (*Goldberg & Rapp*)

12.30 – 1.15

LUNCH

**1.15 – 2.00 Keynote speaker: Professor Willem Levelt,
(Max Planck Institute for Psycholinguistics, Nijmegen)**

2.00 - 3.30 Poster session 2 (including tea)

Discourse

Macrostructure re-visited: an examination of gist responses in aphasia. (*Ulatowska, Olness & Williams-Hubbard*)

Comprehension of discourse relations in the right and left cerebral hemispheres. (*Baynes, Long & Davis*)

Temporal events and reference in aphasia: a comparison of talking and test performance. (*Beeke, Maxim & Wilkinson*)

Grammar

Focus in the left periphery: a cue to agrammatic sentence comprehension? (*Burcher, Weidlich & De Bleser*)

The interpretation of ambiguous dislocations in agrammatism. (*Gavarró*)

On-line comprehension of anaphor and pronoun constructions in Broca's aphasia: evidence from eye-tracking. (*Choy & Thompson*)

Agrammatic aphasia and aspect. (*Novaes & Braga*)

Functional category production in agrammatic speech. (*Lee, Milman & Thompson*)

Pronoun interpretation in Dutch Broca's and Wernicke's aphasia. A study of VP-ellipsis. (*Vasi_ & Ruigendijk*)

Searching for words: the syntactic structuring and sequential placement of word search in conversations with aphasic speakers in Finnish. (*Helasvuo, Laakso & Sorjonen*)

Syntactic comprehension in agrammatism: a computational model. (*tSocco*)

Parallels in the breakdown of CP- and DP-internal movement processes in agrammatism: a preliminary case-study. (*Rausch, Burchert & De Bleser*)

Impairments of derivational word formation in agrammatic aphasia. (*Fix, Dickey & Thompson*)

Dementia

Subject drop in Italian Alzheimer's disease. (*Bencini, Biundo, Semenza & Valian*)

Language therapy in fluent primary progressive aphasia – a single case study. (*Koenig-Bruhin, Studer-Eichenberger, Donati, Zwahlen & Hohl*)

Naming compounds in aphasia and in Alzheimer's disease. (*Chiarelli, Menichelli & Semenza*)

No evidence for rule/procedure deficit in German patients with Parkinson's disease. (*Penke, Janssen, Indefrey & Seitz*)

Use of lexical and semantic information as cues to support short-term memory performance in patients with Alzheimer's disease. (*Caza & Belleville*)

Emotional prosody recognition in basal ganglia patients: disgust recognition revisited. (*Paulmann, Pell & Kotz*)

Relative false recollection in dementia. (*Weekes, Birley & Stein*)

Frequency and semantic effects on verb reading in ageing and dementia. (*Almor, Kempler, Andersen & MacDonald*)

Judging category boundaries: evidence from semantic dementia. (*Antani, Moore, McCawley, Smith, Koenig & Grossman*)

How broad is naming difficulty in Alzheimer's disease and fronto-temporal dementia? (*McCawley, Antani, Moore, Koenig & Grossman*)

Verb learning profiles in aphasic fronto-temporal dementia subtypes. (*Murray, Koenig, McCawley, Antai & Grossman*)

Quantitative analysis of grammatical deviance in fronto-temporal disease. (*Ash, Moor, Antani, McCawley & Grossman*)

Explaining semantic substitutions in the speech of people with Alzheimer's disease with the two stage model of lexicalization. (*Astell*)

3.30 – 5.30 Platform session 5 Syntax and aphasia

Chair: Susan Edwards

Clitic production in Italian agrammatism. (*Rossi & Bastiaanse*)

Syntactic movement in Turkish agrammatic production. (*Duman, Bastiaanse & Aygen*)

Modality-specific deficits affecting bound and free grammatical elements in written compared with spoken production. (*Barriere & Rapp*)

Communication disorders following stroke: first step towards a new fluency protocol. (*Kirsner, Hird & Dunn*)

7.30 Dinner cruise

Tuesday 25th

8.30 – 10.00 Platform session 6 Lexical processing (2)

Chair: *Evy Visch-Brink*

Lexical decision with no iconicity effect in German Sign language: an fMRI study. (*Klann, Kastrau & Huber*)

Is there a need to control sub-lexical frequencies? (*Aichert & Ziegler*)

Differentiating the neural language system: contrasting the regular and irregular past tense. (*Tyler, Stamatakis & Marslen-Wilson*)

10.00 – 10.30

COFFEE

10.30 – 12.30 Platform session 7 Treatment and recovery

Chair: Daniel Kempler

Treating verbal short-term memory deficits by increasing the duration of temporary phonological representations: a case study. (*Majerus, van der Kaa, Renard, Van der Linden & Poncelet*)

Model-based treatment of phonetic encoding impairments: two case studies with apraxia of speech. (*Corsten, Mende, Cholewa & Huber*)

Typicality of inanimate category examples in aphasia: further evidence for the semantic complexity effect. (*Kiran, Ntourou, Eubanks & Shamapant*)

Facilitation of written sentence production by direct treatment of oral sentence production: a longitudinal case study of a Broca's aphasic. (*Stark*)

12.30 – 1.30 LUNCH

1. 30 – 3.00 Poster session 3 (including tea)

Assessment, treatment and recovery

Understanding the effects of two cueing strategies through error analysis. (*Davis, Farias & Baynes*)

Effects of presentation and recall format on immediate serial recall: a linguistic account. (*Chass, Bellevillw & Caza*)

Further evidence of age of acquisition and phonological neighbourhood effect on recovery patterns of anomia. (*Laganaro, Pietro & Schnider*)

Is time up for the irregularity of tense in aphasia in relation to semantics and the temporal lobe? (*Inglis*)

Processing of mass/count distribution in Alzheimer's disease: evidence from Polish. (*Perlak, Taler & Jarema*)

Selection demands vs. Association strength in the verb generation task. (*Cheng & R.Martin*)

Using non-verbal tests to measure cognitive ability in patients with aphasia: a comparison of the RCPM and the TONI. (*Christy & Friedman*)

External validation of the Cantonese linguistic communication measures (CLCM). (*Pak-Hin Kong & Law*)

The effect of multiple productions on the single word production of people with acquired aphasia and apraxia of speech: an analysis of two cases. (*Lim, Croot, Palethorpe & Coltheart*)

Does training-induced improvement of non-canonical sentence production in agrammatic aphasia generalise to comprehension? A multiple single case study. (*Schröder, Stadie, Postler, Lorenz, Swoboda-Moli, Burchert & De Bleser*)

Treatment for pure alexia using a model based approach: evidence from one acute aphasic individual. (*Viswanathan & Kiran*)

Self-administered *Moss Talk Words*; a single subject design comparing treatment intensity replicated in three cases. (*Ramsberger & Marie*)

Speeded functor reading: a new treatment program for phonological text alexia. (*Sperling, Lott, Ferguson, Snider & Friedman*)

Differential recovery of aphasia and apraxia of speech in an adolescent after infarction of the left frontal lobe: longitudinal behavioral and fMRI data. (*Baumgaertner, Schraknepper & Saur*)

Recovery of linguistic deficits in stroke patients: a three year follow-up. (*Hachioui, Veschuur, van de Sandt-Koenderman, Dippel, Koudstaal & Visch-Brink*)

Acoustics and phonology

Whole-word phonological representation in the Chinese lexicon. (*Law, Wong & Chiu*)

Acoustic analysis of speech output in Broca's aphasia and Parkinson's disease. (*Murai, Tanaka & Miyazaki*)

Right hemisphere contributions to phonological processing. (*Bartels-Tobin & Hinkley*)

Patterns of phoneme and syllable frequency in jargon aphasia. (*Stenneken, Hofmann & Jacobs*)

Acoustic correlates to idiomatic interpretations in brain-damaged populations. (*Baum & Titone*)

Written language

Lexical and semantic access in letter-by-letter dyslexia: a case report. (*Aggujaro, Crepaldi, Ripamonti & Luzzatti*)

Different physical similarity principles for lower- and upper-case substitution errors in a case of post-buffer dysgraphia. (*di Pietro, Laganaro & Schnider*)

Phonological agraphia: functional and anatomical correlates of 7 cases.
(*Caramagno, Capasso, Bucci, Ronca, Zampettit & Miceli*)

Discovering surface dysgraphia in writers of shallow languages: the use of loan words. (*Meneghello, Finco & Denes*)

Deep dyslexia in Greek: a case study. (*Emmanouil, Tsapkini & Rudolph*)

The interaction between semantic and sublexical routes: converging evidence from Chinese. (*Han, Bi, Shu & Weekes*)

The neural consequences of behavioral intervention in dysgraphia: an fMRI investigation. (*Vindiola & Rapp*)

Pure alexia without agraphia after a lesion in the right hemisphere: a case study. (*Tsapkini, Dimos & Katsarou*)

Bilingual alexia and agraphia: a neuro-linguistics study. (*Pauranik*)

3.00 – 5.00 Symposium 2:

Toward an understanding of semantic impairment in aphasia and semantic dementia.

Chair: *Nadine Martin*

Non-verbal semantic impairment in stroke aphasia. A comparison with semantic dementia. (*Jefferies & Lambon-Ralph*)

Comparing and contrasting patients with refractory access and storage semantic impairments (*Crutch & Warrington*)

Left inferior frontal involvement in semantic retention during phrase comprehension and production: evidence from functional neuroimaging. (*R. Martin, Burton & Hamilton*)

Verbal and non-verbal semantic impairments in aphasia: an activation deficit hypothesis. (N.Martin)

5.00 Close of conference