

52nd Annual Meeting of the Academy of Aphasia Miami, FL

Saturday, Oct. 4th

2:00-6:00 *Registration*

Sunday, October 5

9:00-10:30 *Breakfast & Registration*

10:30-12:00 *Poster 1: Lexical processing and language production*

12:00-1:30 *Lunch (on your own)*

1:30-3:30 *Platform 1: Sentences and morphemes*

3:30-4:00 *Coffee break*

4:00-6:30 *Platform 2: Neural bases of language*

6:30-8:30 *Business Meeting*

Monday, October 6

7:30-8:30 *Breakfast*

8:30-10:30 *Platform 3: Crossing domains in aphasia research*

10:30-12:00 *Poster 2 (+coffee): Bilingualism; neural bases of language; sentence processing*

12:00-1:30 *Lunch (on your own)*

1:30-3:30 *Symposium 1: Using Transcranial Direct Current Stimulation to study and treat aphasia*

3:30-5:00 *Poster 3 (+coffee): Treatment & Assessment; Working memory & executive function*

5:00-6:00 *Distinguished invited speaker: Isabelle Peretz*

6:00-8:00 *Reception*

Tuesday, October 7

8:30-10:30 *Symposium 2: Formulaic speech in disorders of language*

10:30-11:00 *Coffee break*

11:00-12:30 *Platform 4: Lexical processing*

12:30-2:00 *Lunch (on your own)*

2:00-4:00 *Platform 5: Language and other cognitive domains in aphasia*

4:00-4:30 *Student Award and Concluding remarks*

Detailed Scientific Program

Sunday October 5

10:30am – 12:00pm

Poster Session 1: Lexical processing and language production

- 1. Is the representation about social groups distinct from that of other concepts? A neuropsychological study**
Luca Piretti, Andrea Carnaghi, Fabio Campanella, Elisabetta Ambron, Elena Somacal, Miran Skrap and Raffaella I. Rumiati
- 2. The (null) impact of pseudohomophones in lexical decision: No phonological activation in semantic dementia?**
Maximiliano A. Wilson, , Mariem Boukadi, Robert Laforce, Jr. and Joël Macoir
- 3. Measuring the coherence of healthy and aphasic discourse production in Chinese using Rhetorical Structure Theory (RST)**
Anthony Pak Hin Kong, Anastasia Linnik, Sampo Law and Waisa Shum
- 4. Gender Agreement: a psycholinguistic and aphasia case study**
Francesca Franzon, Giorgio Arcara, Francesca Peressotti and Carlo Semenza
- 5. Mental Imagery as Facilitator to Lexical Learning-Blocked and Random Trials**
Subhash Bhatnagar, Bridget Zmolek, Yasmeen Khan, Anees Sheikh and Hugh Buckingham
- 6. Context-sensitive grapheme-phoneme conversion rules impairment in the semantic variant of primary progressive aphasia**
Joël Macoir, Noémie Auclair-Ouellet, Robert J. Laforce and Maximiliano A. Wilson
- 7. Lexical-semantic knowledge about food in patients with different types of dementia**
Raffaella I. Rumiati, Francesco Foroni, Giulio Pergola, Paola Rossi and Maria C. Silveri
- 8. Effects of Phonological Neighborhood Density on Accuracy of Picture Naming in Aphasia**
Arianna P. Morgart and Jean K. Gordon

- 9. Cross-modal priming facilitates production of low imageability word strings in a case of deep-phonological dysphasia**
Nadine Martin, Laura M. Mccarthy, Francine Kohen, Michelene Kalinyak-Fliszar and Rebecca Berkowitz
- 10. Tense and aspect in aphasia and semantic dementia**
Vasiliki Koukoulioni and Stavroula Stavrakaki
- 11. “That thing in New York”: Impaired naming vs. preserved recognition of unique entities following an anterior temporal lobe lesion**
Daniel Roberts, Shanti Shanker and Marie-Josophe Tainturier
- 12. The Effect of Syntactic and Semantic Cues on Lexical Access in Broca’s Aphasia**
Michelle Ferrill, Tracy Love, Natalie Sullivan, Shannon MacKenzie and Lewis Shapiro,
- 13. Sparing of number words in oral production**
Carlo Semenza, Martina Garzon, Loredana Frau, Sara Ranaldi, Laura Passarini and Francesca Meneghello
- 14. Comprehension of derivational morphemes in words and pseudo-words in semantic variant primary progressive aphasia**
Noémie Auclair-Ouellet, , Marion Fossard, Robert Jr Laforce, Simona M. Brambati, and Joël Macoir
- 15. The Time-course of Lexical Reactivation of Unaccusative Verbs in Broca’s Aphasia**
Natalie Sullivan, Matthew Walenski, Shannon MacKenzie, Michelle Ferrill, Tracy Love, and Lewis P. Shapiro,
- 16. Duration of content and function words in oral discourse by speakers with fluent aphasia: Preliminary data**
Tan Lee, Anthony Pak Hin Kong and Haipeng Wang
- 17. Shared perceptual processes in phoneme and word perception: Evidence from aphasia**
Heather R. Dial, Blaine Tomkins and Randi Martin
- 18. Regular-, irregular-, and pseudo-character processing in Chinese: The regularity effect in normal adult readers**
Dustin Kai Yan Lau, Anthony Pak Hin Kong and Maximiliano Wilson
- 19. Dissociations between word and picture naming in Persian speakers with aphasia**
Mehdi Bakhtiar, Reyhane Jafari and Brendan Weekes

- 20. Control Deficit Subjects are Superior for Man-Made Objects on a Verbal Semantic Task**
Carlos Roncero and Howard Chertkow
 - 21. Crossed Dysgraphia: A case Report**
Maha Aldera, Elizabeth Bredin and Venu Balasubramanian
 - 22. Effects of verb-argument cues on verb production in persons with aphasia using a verb-final language**
Jee Eun Sung, Eunjung Kwag, Soojin Choi, Hyein Tak and Jeein Kim
 - 23. Framing effects in reading: an fMRI study**
Laura Danelli, Marco Marelli, Manuela Berlinger, Maurizio Sberna, Eraldo Paulesu, and Claudio Luzzatti
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Sunday October 5

1:30pm – 3:30pm

Platform Session 1: Sentences and Morphemes

- 24. Prediction during sentence comprehension in aphasia**
Michael W. Dickey, Tessa Warren, Rebecca Hayes and Evelyn Milburn
- 25. Sentence comprehension in aphasia: A noisy channel approach**
Tessa Warren, Teljer Liburd and Michael W. Dickey,
- 26. Time course of morphological processing in aphasia: a magnetoencephalographic study**
Diego Martinez Nadramia and Yasmeen Faroqi-Shah
- 27. Combinatorial Processing of Irregular Verbs: Evidence from Aphasia**
Stacey Rimikis and Adam Buchwald

Sunday October 5

4:00pm – 6:30pm

Platform Session 2: Neural Bases of Language

- 28. Relative Contributions of the Dorsal vs. Ventral Speech Streams to Speech Perception are Context Dependent: a lesion study**
Corianne Rogalsky, Kuan-Hua Chen, Tasha Poppa, Steven W. Anderson, Hanna Damasio, Jeffrey R. Binder, Tracy Love and Gregory Hickok
- 29. Activation and integration are not the same: Changing effective connectivity in recovery from acute aphasia**
David W. Gow, Bruna B. Olson and David Caplan
- 30. The role of the left ventrolateral prefrontal cortex in online sentence processing**
Nazbanou Nozari, Daniel Mirman, and Sharon L. Thompson-Schill
- 31. Graph analytic characterization of resting state networks in post-stroke aphasia**
Jason Bohland, Kushal Kapse and Swathi Kiran
- 32. White Matter Correlates of Lexical Access in Aphasia**
William Hula, Juan Carlos Fernandez-Miranda, Michael W. Dickey, Sudhir Pathak, Yue-Fang Chang and Malcolm McNeil
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Monday October 6

8:30am – 10:30am

Platform Session 3: Crossing domains in aphasia research

- 33. A Link Between Lexical Competition and Fluency in Aphasia**
Mona R. Botezatu and Daniel Mirman
- 34. Inner Speech in People with Aphasia**
William Hayward, Mackenzie E. Fama, Kelli L. Sullivan, Sarah F. Snider, Elizabeth H. Lacey, Rhonda B. Friedman and Peter E. Turkeltaub

35. Preserved processing of musical syntax in a person with agrammatic aphasia

L. Robert Slevc, Yasmeeen Faroqi-Shah and Sadhvi Saxena

36. Does semantic impairment explain surface dyslexia? VLSM evidence for a double dissociation between regularization errors in reading and semantic errors in picture naming

Sara Pillay, Colin Humphries, Benjamin Stengel, Diane Book, Megan Rozman and Jeffrey R. Binder

Monday October 6

10:30am – 12:00pm

Poster Session 2: Bilingualism; neural bases of language; sentence processing

37. Code-switching in multilingual aphasia

Peggy S. Conner, Mira Goral, Inge Anema, Carmen Mustelier, Monica Knoph, Katy Borodkin, Marina Belkina, Yair Haendler, Elizabeth Paluska and Yana Pugach

38. Speech deterioration in an English-Shanghainese Speaker with Logopenic Variant Primary Progressive Aphasia

Gail Ramsberger, Anthony Pak Hin Kong and Lise Menn

39. Another Type of Bilingual Advantage? Tense-Mood-Aspect Frequency, Verb-Form Regularity and Context-Governed Choice in Bilingual vs. Monolingual Spanish Speakers with Agrammatism

Barbara A. O'Connor Wells and Loraine K. Obler

40. Is translation semantically mediated? Evidence from Welsh-English bilingual aphasia

Emma K. Hughes, Jennifer R. Roberts, Daniel J. Roberts, Luke T. Kendrick, Josh S. Payne, Beth Owen-Booth, Polly Barr, and Marie-Josephe Tainturier

41. Language-Mixing, Discourse Length and Discourse Quality in Bilingual Aphasia

Avanthy Paplikar, Mira Goral, Martin Gitterman and Loraine Obler

- 42. The effect of typological distance in the absence of cross-language effects in Spanish-Basque bilingual aphasia**
Amaia Munarriz
- 43. Organic and Non-Organic Language Disorders after Awake Brain Surgery**
Elke De Witte, Erik Robert, Henry Colle and Peter Mariën
- 44. Does Handedness Affect the Cerebral Organization of Speech and Language in Individuals with Aphasia?**
Juliana Baldo and Nina F. Dronkers,
- 45. Lesion correlates of transcranial direct current stimulation (tDCS) in chronic nonfluent aphasia.**
Priyanka P. Shah, Cathrine Norise, Gabriella Garcia, Jose Torres, Olufunsho Faseyitan and Roy H. Hamilton
- 46. Phonological and visuospatial processing in lvPPA and mild AD**
Aaron Meyer, Sarah Snider, Rachael Campbell, Sally Long and Rhonda Friedman
- 47. Neural regions supporting lexical processing of objects and actions: A case series analysis**
Bonnie L. Breining, Andreia V. Faria and Argye E. Hillis
- 48. The neural correlates of reference to the past**
Laura S. Bos, , Isabell Wartenburger, Jan Ries and Roelien Bastiaanse
- 49. White matter pathways critical for language are also critical for resolving proactive interference in working memory**
Stephanie K. Ries, Krista Schendel, Nina F. Dronkers, and And U. Turken
- 50. Reliability of Visual-World Eyetracking for Lexical and Sentence Comprehension Tasks**
Andrew Z. Wei, Jennifer E. Mack and Cynthia K. Thompson
- 51. Stroke induced reorganization of the neural networks for sentence comprehension, and relationship to perilesional dysfunction revealed by MEG and ASL**
Aneta Kielar, Ronald K. Chu, Lilia Panamsky, Yasha B. Khatamian, Jean J. Chen, and Jed A. Meltzer
- 52. Argument structure processing in aphasia: A cross-language and cross-population behavioral study**
Marie Pourquie

- 53. The role of LIFG-based executive control in recovery from garden-paths during sentence comprehension**
Loan C. Vuong and Randi C. Martin
- 54. The Impact of Similarity-Based Interference in Processing Wh-Questions in Aphasia**
Shannon Mackenzie, Matthew Walenski, Tracy Love, Michelle Ferrill, Sam Engel, Natalie Sullivan, Heather Harris Wright and Lewis P. Shapiro
- 55. Cataphora processing in agrammatic aphasia: Eye movement evidence for integration deficits**
Chien-Ju Hsu, Masaya Yoshida and Cynthia Thompson
- 56. Age-related changes in ERP components of semantic and syntactic processing in a verb final language**
Jee Eun Sung, Taewon Chung, Jihye Cheon, Kwihyun Jeong and Hyunsub Sim
- 57. On-line Processing of German Number-marked Relative Clauses in the Visual-world Paradigm**
Anne Adelt, Nicole Stadie and Frank Burchert

Monday October 6

1:30pm – 3:30pm

Symposium 1: Using Transcranial Direct Current Stimulation (tDCS) to study and treat aphasia

- 58. Overview: Using Transcranial tDCS to test cognitive hypotheses**
Nazbanou Nozari
- 59. Basic science of tDCS**
Michael A. Nitsche
- 60. Theories of inter-hemispheric interactions in aphasia: the role of tDCS in rehabilitation of post-stroke aphasia**
Roy Hamilton and Priyanka Shah
- 61. Transcranial Direct Current Stimulation in neurodegenerative disease**
Argye E. Hillis and Kyrana Tsapkini
- 62. Using Transcranial Direct Current Stimulation (tDCS) to study and treat aphasia**
Nazbanou Nozari
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Monday October 6

3:30pm – 5:00pm

Poster Session 3: Treatment & Assessment; Working memory & executive function

- 63. Pulmonary Function Affects Language Performance in Aging**
Dalia Cahana-Amitay, , Lewina O. Lee, Abigail C. Oveis, Emmanuel A. Ojo, Avron Spiro, Loraine K. Obler, and Martin L. Albert
- 64. LAST-Q: Adaptation and normative data for the Language Screening Test in a French-Canadian population**
Laura Monetta, Josiane Bourgeois-Marcotte, Constance Flamand-Roze and Christian Denier

- 65. Proposing a clinical quantification framework of macro-linguistic structures in aphasic narratives**
Adam Reres, Anthony Pak Hin Kong and Janet D Whiteside
- 66. Development of the Taiwanese Mandarin Main Concept Analysis (TM-MCA): Normative and Preliminary Aphasic Data**
Chun-Chih Yeh and Anthony Pak Hin Kong
- 67. Stroke education for the at-risk elderly: Do words really matter?**
Tricia Olea Santos and Hanna K. Ulatowska
- 68. Cantonese version of the Oxford Cognitive Screen (OCS): Validation for stroke survivors in Hong Kong**
Pinky Hiu Ping Lam, Anthony Pak Hin Kong, Diana W. L. Ho, Glyn Humphreys, and Brendan Weekes
- 69. A new approach to assessing intra-subject variability in single-subject designs**
Katy Borodkin, Mira Goral, and Daniel Kempler
- 70. A Paradigm for Investigating Executive Control Mechanisms in Word Retrieval in Language-Impaired and Neurotypical Speakers**
Erica L. Middleton, Myrna F. Schwartz, Kristen Graziano, Danielle Brown and Nazbanou Nozari
- 71. Measuring working memory in aphasia: Comparing performance on complex span and N-back tasks**
Maria Ivanova, Svetlana Kuptsova, Yulia Akinina, Ekaterina Iskra, Anastasia Kobzeva and Olga Dragoy
- 72. Inhibitory control, word retrieval and bilingual aphasia: is there a relationship?**
Yasmeen Farooqi-Shah, Monica Sampson, Susan Baughman and Mariah Pranger
- 73. Cross-Language Competition is Modulated by Individual Differences in Executive Function: An Aging Study**
Aruna Sudarshan, and Shari R. Baum
- 74. What factors predict individual subjects' re-learning of words during anomia treatment?**
Sarah Snider, Kelli Sullivan, William Hayward, George Luta, Peter Turkeltaub, and Rhonda Friedman

- 75. Changes in Functional Connectivity Associated with Direct Training and Generalization Effects of a Theory-Based Generative Naming Treatment**
Chaleece W. Sandberg, Swathi Kiran and Jason W. Bohland
- 76. Spelling rehabilitation using transcranial direct current (tDCS) in primary progressive aphasia (PPA)**
Kyрана Tsapkini, Constantine Frangakis, Cameron Davis, Yessinia Gomez, Tushar Chakravarty and Argye Hillis
- 77. Functional connectivity in post-stroke aphasia: innovative tools at the service of evidence-based practice**
Edith Durand
- 78. “I know it but I can’t say it”: Clarifying the subjective experience of inner speech in aphasia**
Mackenzie Fama, Sarah Snider, William Hayward, Rhonda Friedman and Peter Turkeltaub
- 79. Phonological Working Memory limitations and Agrammatism: Is there a causal relationship between the two?**
Maria Varkanitsa, Dimitrios Kasselimis, Constantin Potagas, Judit Druks and Hans van de Koot
- 80. Relationship between deficits of verbal short-term memory and auditory impairment among Cantonese speakers with aphasia**
Diana W.L. Ho, Anthony Pak Hin Kong, Nim Ting Koon and Brendan Weekes
- 81. Recurring Utterances - Targeting a Breakthrough**
Jacqueline Stark
- 82. How does biographic-narrative intervention influence identity negotiation and quality of life in aphasia? - The participants' perspective**
Jürgen Konradi, Erika J. Schimpf, Friedericke Hardering, Annerose Keilmann and Sabine Corsten
- 83. Treatment of Aphasia Combining Neuromodulation and Behavioral Intervention: Taking an Impairment and Functional Approach**
Elizabeth E. Galletta and Amy Vogel
- 84. Neurobehavioral response to increased treatment dosage in chronic, severe aphasia**
Jennifer L. Mozeiko, Emily B. Myers, and Carl A. Coelho
- 85. Crosslinguistic Generalization Of Semantic Treatment In Aphasia: Evidence From The Indian Context**
Gopeekrishnan Gopeekrishnan, Shivani Tiwari, Swathi Kiran and Shyamala K. Chengappa

Monday October 6

5:00pm – 6:00pm

Distinguished Speaker Address

Speaker: Dr. Isabelle Peretz

Université de Montréal

Tuesday October 7

8:30am – 10:30am

Symposium 2: Formulaic speech in disorders of language

86. Formulaic speech in disorders of language

Diana Sidtis

87. On possible linguistic correlates to brain lateralization

Tania Kuteva

88. Efficacy of melody-based aphasia therapy may strongly depend on rhythm and conversational speech formulas

Benjamin Stahl

89. Formulaic language in cortical and subcortical disease: Evidence of the dual process model

Kelly Bridges

90. The ability of left- and right-hemisphere damaged individuals to produce prosodic cues to disambiguate Korean idiomatic sentences

Seung-Yun Yang

Tuesday October 7

11:00am – 12:30pm

Platform Session 4: Lexical processing

- 91. The neural bases of orthographic working memory**
Brenda Rapp, Jeremy Purcell, Rita Capasso and Gabriele Miceli,
- 92. Can words be read without abstract letter identities**
Simon Fischer-Baum and David Kajander
- 93. Investigating differences between proper and common nouns using novel word learning**
Anastasiya Romanova, , Lyndsey A. Nickels, and David Howard
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Tuesday October 7

2:00pm – 4:00pm

Platform Session 5: Language and other cognitive domains in aphasia

- 94. Implicit learning in aphasia: Evidence from serial reaction time and artificial grammar tasks**
Julia Schuchard and Cynthia Thompson
- 95. The local-global dimension in cognitive control after left lateral prefrontal cortex damage: Evidence from the verbal and the non-verbal domain**
Eleni Peristeri, Ianthi M. Tsimpli, and Kyrana Tsapkini
- 96. How to become twice more precise in detecting neuropsychological impairments**
Davide Crepaldi, Alessandra Casarotti, Barbara Zarino and Costanza Papagno
- 97. Learning from your mistakes: The functional value of spontaneous error monitoring in aphasia**
Myrna F. Schwartz, Erica L. Middleton, Nazbanou Nozari, Adelyn Brecher, Maureen Gagliardi and Kelly M. Garvey