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
12:00-1:20 Lunch (on your own)
1:20-1:30 Welcoming remarks
1:30-3:00 Platform 1: Sentences and morphemes
3:00-3:30 Coffee break
3:30-6:00 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 Losing the beat: a new window on human rhythm

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. Combinatorial Processing of Irregular Verbs: Evidence from Aphasia
   Stacey Rimikis and Adam Buchwald

3. 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

4. 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

5. Gender Agreement: a psycholinguistic and aphasia case study
   Francesca Franzon, Giorgio Arcara, Francesca Peressotti and Carlo Semenza

6. Mental Imagery as Facilitator to Lexical Learning-Blocked and Random Trials
   Subhash Bhatnagar, Bridget Zmolek, Yasmeen Khan, Anees Sheikh and Hugh Buckingham

7. 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

8. 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

9. Effects of Phonological Neighborhood Density on Accuracy of Picture Naming in Aphasia
   Arianna P. Morgart and Jean K. Gordon
10. 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

11. Tense and aspect in aphasia and semantic dementia
   Vasiliki Koukoulioti and Stavroula Stavrakaki

12. “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-Josephe Tainturier

13. 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,

14. Sparing of number words in oral production
   Carlo Semenza, Martina Garzon, Loredana Frau, Sara Ranaldi, Laura Passarini and Francesca Meneghello

15. 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

16. 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,

17. 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

18. Shared perceptual processes in phoneme and word perception: Evidence from aphasia
   Heather R. Dial, Blaine Tomkins and Randi Martin

19. 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

20. Dissociations between word and picture naming in Persian speakers with aphasia
   Mehdi Bakhtiari, Reyhane Jafari and Brendan Weekes
21. **Control Deficit Subjects are Superior for Man-Made Objects on a Verbal Semantic Task**  
*Carlos Roncero and Howard Chertkow*

22. **Crossed Dysgraphia: A case Report**  
*Maha Aldera, Elizabeth Bredin and Venu Balasubramanian*

23. **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*

24. **Framing effects in reading: an fMRI study**  
*Laura Danelli, Marco Marelli, Manuela Berlingeri, Maurizio Sberna, Eraldo Paulesu, and Claudio Luzzatti*

25. **Organic and Non-Organic Language Disorders after Awake Brain Surgery**  
*Elke De Witte, Erik Robert, Henry Colle and Peter Mariën*

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**Sunday October 5**

1:30pm – 3:00pm

**Platform Session 1: Sentences and Morphemes**

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26. **Prediction during sentence comprehension in aphasia**  
*Michael W. Dickey, Tessa Warren, Rebecca Hayes and Evelyn Milburn*

27. **Sentence comprehension in aphasia: A noisy channel approach**  
*Tessa Warren, Teljer Liburd and Michael W. Dickey,*

28. **Time course of morphological processing in aphasia: a magnetoencephalographic study**  
*Diego Martinez Nadramia and Yasmeen Faroqi-Shah*
Sunday October 5

3:30pm – 6:00pm

Platform Session 2: Neural Bases of Language

29. 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

30. Activation and integration are not the same: Changing effective connectivity in recovery from acute aphasia
   David W. Gow, Bruna B. Olson and David Caplan

31. The role of the left ventrolateral prefrontal cortex in online sentence processing
   Nazbanou Nozari, Daniel Mirman, and Sharon L. Thompson-Schill

32. Graph analytic characterization of resting state networks in post-stroke aphasia
   Jason Bohland, Kushal Kapse and Swathi Kiran

33. 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

Monday October 6

8:30am – 10:30am

Platform Session 3: Crossing domains in aphasia research

34. A Link Between Lexical Competition and Fluency in Aphasia
   Mona R. Botezatu and Daniel Mirman
35. 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

36. Preserved processing of musical syntax in a person with agrammatic aphasia
L. Robert Slevc, Yasmeen Faroqi-Shah and Sadhvi Saxena

37. 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

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Monday October 6
10:30am – 12:00pm

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

38. 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

39. Speech deterioration in an English-Shanghainese Speaker with Logopenic Variant Primary Progressive Aphasia
Gail Ramsberger, Anthony Pak Hin Kong and Lise Menn

40. 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

41. Is translation semantically mediated? Evidence from Welsh-English bilingual aphasia
42. Language-Mixing, Discourse Length and Discourse Quality in Bilingual Aphasia
   Avanthi Paplikar, Mira Goral, Martin Gitterman and Loraine Obler

43. Does Handedness Affect the Cerebral Organization of Speech and Language in Individuals with Aphasia?
   Juliana Baldo and Nina F. Dronkers

44. 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

45. Phonological and visuospatial processing in lvPPA and mild AD
   Aaron Meyer, Sarah Snider, Rachael Campbell, Sally Long and Rhonda Friedman

46. Neural regions supporting lexical processing of objects and actions: A case series analysis
   Bonnie L. Breining, Andreia V. Faria and Argye E. Hillis

47. The neural correlates of reference to the past
   Laura S. Bos, Isabell Wartenburger, Jan Ries and Roelien Bastiaanse

48. 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

49. Reliability of Visual-World Eyetracking for Lexical and Sentence Comprehension Tasks
   Andrew Z. Wei, Jennifer E. Mack and Cynthia K. Thompson

50. 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

51. On-line Processing of German Number-marked Relative Clauses in the Visual-world Paradigm
   Anne Adelt, Romy Lassotta, Flavia Adani, Nicole Stadie and Frank Burchert

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_

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**Monday October 6**

1:30pm – 3:30pm

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

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57. Overview: Using Transcranial tDCS to test cognitive hypotheses  
_Nazbanou Nozari_

58. Basic science of tDCS  
_Lucas C. Parra_

59. Theories of inter-hemispheric interactions in aphasia: the role of tDCS in rehabilitation of post-stroke aphasia  
_Roy Hamilton and Priyanka Shah_

60. Transcranial Direct Current Stimulation in neurodegenerative disease  
_Argye E. Hillis and Kyrana Tsapkini_

61. Using Transcranial Direct Current Stimulation (tDCS) to study and treat aphasia  
_Nazbanou Nozari_
Monday October 6
3:30pm – 5:00pm

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

62. Crosslinguistic Generalization Of Semantic Treatment In Aphasia: Evidence From The Indian Context
   Gopeekrishnan Gopeekrishnan, Shivani Tiwari, Swathi Kiran and Shyamala K. Chengappa

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 Faroqi-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 anomaia 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)
   Kyrana 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, Francis Tremblay, Karine Marcontte, and Ana Inês Ansaido

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

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**Monday October 6**

5:00pm – 6:00pm

**Distinguished Speaker Address**

**Title:** Losing the beat: a new window on human rhythm

Isabelle Peretz, Professor of Psychology, Canada Research Chair in Neurocognition of Music, Université de Montréal

**Abstract**

A defining characteristic of our interactions with music is the ability to move to the “beat”. This complex ability is universal and spontaneously acquired early in life. Yet, as we have recently shown, some individuals fail to find the beat in music and to synchronize with it, despite having normal hearing, normal motor and intellectual abilities. This disorder, to which we refer as beat deafness (a new form of congenital amusia), provides a natural experiment, a rare chance to examine how a selective cognitive deficit emerges and how it is expressed in the brain.
Tuesday October 7
8:30am – 10:30am

Symposium 2: Formulaic speech in disorders of language

85. Formulaic speech in disorders of language
   Diana Sidtis

86. On possible linguistic correlates to brain lateralization
   Tania Kuteva

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

88. Formulaic language in cortical and subcortical disease: Evidence of the dual process model
   Kelly Bridges

89. 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

90. The neural bases of orthographic working memory
   Brenda Rapp, Jeremy Purcell, Rita Capasso and Gabriele Miceli

91. Can words be read without abstract letter identities
   Simon Fischer-Baum and David Kajander

92. Investigating differences between proper and common nouns using novel word learning
   Anastasiya Romanova, Lyndsey A. Nickels, and David Howard
Tuesday October 7

2:00pm – 4:00pm

Platform Session 5: Language and other cognitive domains in aphasia

93. Implicit learning in aphasia: Evidence from serial reaction time and artificial grammar tasks
    Julia Schuchard and Cynthia Thompson

94. 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

95. How to become twice more precise in detecting neuropsychological impairments
    Davide Crepaldi, Alessandra Casarotti, Barbara Zarino and Costanza Papagno

96. 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