<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>5:00pm - 8:00 pm</td>
<td>Registration</td>
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<tr>
<td>Saturday, October 20</td>
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<tr>
<td>7:30am-</td>
<td>Breakfast and Registration</td>
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<tr>
<td>8:15am - 8:30am</td>
<td>Opening Remarks</td>
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<tr>
<td>8:30am - 10:30am</td>
<td>Platform 1: Mechanisms of word production in aphasia</td>
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<tr>
<td>10:30am - 11:00am</td>
<td>Coffee Break</td>
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<tr>
<td>11:00am - 12:30pm</td>
<td>Platform 2: Language recovery: Neural bases</td>
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<tr>
<td>12:30pm - 2:00pm</td>
<td>Lunch (on your own); Mentor-Mentee Meetings (lunch provided)</td>
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<tr>
<td>2:00pm - 3:30pm</td>
<td>Platform 3: Primary Progressive Aphasia - Classification and treatment</td>
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<tr>
<td>3:30pm - 5:00pm</td>
<td>Poster Session 1: Measurement and assessment; Lexical processes</td>
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<tr>
<td>5:00pm - 6:00pm</td>
<td>Keynote speaker. Julie Fiez: How does the cerebellum interface with cerebral language pathways?</td>
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<tr>
<td>6:30-</td>
<td>Reception/Dinner (included with conference registration)</td>
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<tr>
<td>Sunday, October 21</td>
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<tr>
<td>7:30am-</td>
<td>Breakfast</td>
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<tr>
<td>8:30am - 11:00am</td>
<td>Symposium: Neuronal networks in language and aphasia</td>
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<tr>
<td>11:00am - 12:30am</td>
<td>Poster Session 2: Syntax/Pragmatics; Word Production; Written Language; Cognitive Processes</td>
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<td>Coffee Break</td>
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<tr>
<td>12:30am – 2:00pm</td>
<td>Lunch (on your own); NIDCD Fellows: Meet the Expert (lunch provided)</td>
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<tr>
<td>2:00pm - 3:30pm</td>
<td>Platform 4: Control processes in word production</td>
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<td>3:30pm - 4:00pm</td>
<td>Coffee Break</td>
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<tr>
<td>4:00pm – 6:00 pm</td>
<td>Platform 5: Mechanisms of sentence processing in aphasia</td>
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<tr>
<td>6:00- 7:30</td>
<td>Business meeting</td>
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<tr>
<td>Monday, October 22</td>
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<tr>
<td>7:30 am-</td>
<td>Breakfast</td>
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<tr>
<td>8:00am - 10:00am</td>
<td>Platform 6: Intervention: diagnosis, prognosis and treatment</td>
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<tr>
<td>10:00 am - 11:30am</td>
<td>Poster Session 3: Intervention; Bilingualism</td>
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<tr>
<td>11:30pm - 12:30 pm</td>
<td>Lunch (on your own)</td>
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<tr>
<td>12:30pm - 2:00pm</td>
<td>Platform 7: The neural bases of language processing</td>
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<tr>
<td>2:00pm-2:30pm</td>
<td>Prizes &amp; Closing Remarks with Coffee</td>
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<tr>
<td>2:30pm - 4:30pm</td>
<td>NICDC Symposium/Workshop: Functional near infrared spectroscopy (fNIRS) approaches to the study of language processing and aphasia. (all may attend)</td>
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Application is being made to approve this meeting for 2.2 ASHA CEUs (intermediate level; Professional area)
## Sunday, October 21

### 8:30am - 10:30am Platform 1: Mechanisms of word production in aphasia

- Semantic diversity affects word processing similarly for PWA with and without semantic deficits: Evidence against the semantic control hypothesis  *Curtiss Anthony Chapman and Randi Martin*
- The dual origin of lexical perseverations in aphasia: Residual activation and incremental learning  *Christopher Richardson Hepner and Nazbanou Nozari*
- The multiplex interplay between phonological and semantic networks impacts word production across different types of aphasia  *Nichol Castro and Massimo Stella*
- Revisiting the dual-nature account of homophony: Evidence from picture naming in aphasia  *Marja-Liisa Mailend and Erica Middleton*

### 11:00am - 12:30pm Platform 2: Language Recovery: Neural Bases

- Neurocognitive sequela of non-canonical sentence comprehension in chronic agrammatic aphasia: eye movement and fMRI correlates of behavioral recovery  *Elena Barbieri, Jennifer E. Mack, Brianne Chiappetta, Eduardo Europa and Cynthia K Thompson*
- Using local neural heterogeneity to both predict and track in language recovery  *Jeremy J Purcell, Robert Wiley and Brenda Rapp*
- Classification of fMRI data in aphasia based on task, timepoint and subject  *Susan Duncan and Steven Small*

### 2:00pm - 3:00pm Platform 3: Primary Progressive Aphasia - Classification and treatment

- Modulation of Task-Related and Resting-State Oscillatory Responses in Primary Progressive Aphasia  *Aneta Kielar, Regina Jokel and Jed A Meltzer*
- The relation between baseline brain volumes and response to tDCS in individuals with Primary Progressive Aphasia  *Vânia de Aguiar, Yi Zhao, Andreia Vasconcellos Faria, Bronte Ficek, Kimberly Theresa Webster, Haley Wendt, Zeyi Wang, Argye Hillis, Constantine Frangakis, Brian Caffo and Kyra Tsapkini*
- Acoustic markers of PPA variants using machine learning  *Charalambos Themistocleous, Bronte Ficek, Kimberly Theresa Webster, Haley Wendt, Argye Elizabeth Hillis, Dirk B. Den Ouden and Kyra Tsapkini*

### 3:30pm - 5:00pm Poster Session 1: Measurement and assessment; Lexical processes

#### Measurement and Assessment

1. Is resting state fMRI activity sensitive to the severity of acquired language impairments?  *Nicole Dickerson, Robert Wiley, James Patrick Higgins, Kristin Grunewald, David Caplan, Swathi Kiran, Todd Parrish, Richard Zinbarg, Cynthia K Thompson and Brenda Rapp*
2. Assessing syntax comprehension in French post-stroke aphasic patients: development, validation and normalisation of the Batterie d’évaluation de la Compréhension Syntaxique (BCS)  *Marie-Eve Bourgeois, Laura Monetta, Marion Fossard and Vincent Martel-Sauvageau*
3. Application of automatic speech recognition (ASR) techniques for automatic speech assessment in people with aphasia  *Ying Qin, Tan Lee, Anthony Pak Hin Kong and Sampo Law*
4. A Japanese version of Main Concept Analysis: Preliminary report  *Hitomi Yazu, Mariko Yoshino and Anthony Pak Hin Kong*
5. Using Photovoice to Document the Experiences of Individuals with Aphasia – A Pilot Project  *Caroline Auclair, Marie-Ange Lataille, Laura Laird, Roanne Thomas, Elizabeth Rochon and Carol Leonard*
6. A new set of tasks for the assessment of lexical disorders in Italian  *Laura Veronelli, Ilaria Scola, Mirella Frustaci, Massimo Corbo and Claudio Luzzatti*
7. Measuring Informativeness in Conversation Using Correct Information Units (CIUs)  Marion C. Leaman and Lisa A. Edmonds
8. A New Resource for Aphasia Research: The Western Pennsylvania Patient Registry (WPPR) and the Remote Acquisition of Neuropsychological Data (RAND) System  Denise Balason, Corrine Durisko, Joshua Vincent, Michael Walsh Dickey, Patrick J. Doyle, Michael McCue, Catherine Fissell and Julie A. Fiez
9. TDQ-30, a new color picture-naming test for the diagnostic of mild anomia: Validation and normalization data. Monica Lavoie, Maximiliano A. Wilson, Andréanne Chagnon, Carol Hudon and Joël Macoir
10. Adapting CAT for Basque: both sociolinguistic and psycholinguistic factors matter. Marie Pourquié and Amaia Munarriz-Ibarrola
11. The Aphasia Rapid Test: adaptation for Russian  Olga Buivolova and Olga Dragoy
12. Development and Validation of the Arabic Aphas 
13. A Database of Radicals in Written Chinese with Reliable Logographeme Boundaries  Kai-Yan Dustin Lau
14. Establishing geographically specific norms for a content-based analysis of spoken narratives in Spanish speakers  Karla Simonet, Anthony Pak Hin Kong, Ashle Aguiar, Kassandra Capi, Betsali Cintron-Vargas, Erica Reynoso and Tamar Nir
15. Sentence Comprehension and Action Fluency: Utility as Markers of Mild Cognitive Impairment in Parkinson’s Disease  Noémie Auclair-Ouellet, Alexandru Hanganu, Mekale Kibreab, Tazrina Alrazi, Mehrfararin Ramezani, Justyna Sarna and Oury Monchi
16. First Simple makes last complex: construct irrelevant variance effects in the test of grammatical comprehension  Megan Esler and Maria Garraffa
17. Sensitivity of macrostructural measures in story narratives to severity of traumatic brain injury among Cantonese speakers in Mainland China  Ivan Man-Yuk Lam, Anthony Pak Hin Kong and Kai-Yan Dustin Lau
19. Language and memory features of autobiographical narratives of svPPA patients  Bruna Seixas Lima, Brian Levine, Naida Graham, Carol Leonard, David Tang-Wai, Sandra E Black and Elizabeth Rochon

Lexical Processes
20. The footprint of semantic and phonological interference in picture naming in aphasia: Preliminary evidence from ERP  Svetlana Pinet and Nazbanou Nozari
21. Compound production in aphasia: Contributions of semantic transparency and imageability  Arpita Bose, Jorge González Alonso and Lotte Meteyard
22. The Unique Roles of the Frontal Aslant Tract in Language Processing  Allison Jing Zhong, Maria Ivanova, And Umit Turken, Brian C Curran and Nina F Dronkers
23. A novel eye tracking paradigm for assessing semantic and phonologic activation in aphasia  Rachael E Campbell, Rachel Ryskin and Swathi Kiran
24. Beyond the cortex: A look at unique contributions of the arcuate fasciculus to language processing  Maria Ivanova, Allison Zhong, And Turken, Brian Curran and Nina F Dronkers
25. Understanding Fluency in Aphasia  Sharice Clough and Jean K. Gordon
26. Multimodal conceptual knowledge influences lexical retrieval speed: evidence from object-naming and word-reading in healthy adults  Rhiannon Mackenzie-Phelan and Daniel J Roberts
27. A preliminary report of effects of psycholinguistic variables on open-class word production in discourse among Cantonese speakers with traumatic brain injury and controls  O-Ki Hui, Anthony Pak Hin Kong and Kai-Yan Dustin Lau
### Monday, October 22

**8:30am - 11:00am Symposium: Neuronal networks in language and aphasia**

- How to measure structural and functional neuronal networks using neuroimaging **Leonardo Bonilha**
- Structural networks, language deficits, and aphasia recovery **Peter E Turkeltaub, Apoorva Kelkar and John D Medaglia**
- Connectional Anatomy **Stephanie Forkel**
- Functional networks, language impairment and recovery after treatment in aphasia **Swathi Kiran, Erin L Meier, Jeffrey P Johnson, Yue Pan, Sarah El Guindy and Jason W Bohland**
- The role of functional modularity in recovery from chronic aphasia **Yuan Tao and Brenda Rapp**

**11:00am - 12:30pm Poster Session 2: Syntax/Pragmatics; Word Production; Written Language; Cognitive Processes**

#### Syntax/Pragmatics

1. The processing of pronominal resumption in Akan agrammatic speakers: An interplay between syntax and phonology **Nathaniel Larney and Roelien Bastiaanse**
2. Neural Correlates of Sentence Comprehension Recovery – A Longitudinal Study **Shannon M. Sheppard, Kevin Kim, Lynsey McGrath Keator, Bonnie L Breining, Donna Clark Tippett and Argye E. Hillis**
3. Naming Light Verb Constructions in Persian Speakers with Aphasia: A Linear Mixed Effects Model **Mohammad Momenian, Mehdi Bakhtiar, Reza Nilipour and Brendan Weekes**
4. Auditory comprehension of control structures in German individuals with aphasia using self-paced listening, visual world eye tracking and an object manipulation task **Dorothea Pregla, Nicole Stadie, Shravan Vasishth and Frank Burchert**
5. Neural networks for sentence comprehension and production: an ALE-based meta-analysis of neuroimaging studies **Cynthia K Thompson, Matthew Walenski, Eduardo Europa and David Caplan**
6. Topic and Focus: Effect of the activation of the Left Periphery in Neglect Dyslexia. **Martina Abbondanza, Francesca Meneghello, Laura Passarini and Daniela D**
7. Syntactic comprehension in Parkinson’s disease: Type of embedding and canonicity **Arhonto Terzi, Eleni Barampati and Valantis Fyndanis**
8. Cookie Theft Picture Description: Linguistic and Neural Correlates **Lynsey McGrath Keator, Shannon M Sheppard, Andreia Vasconcellos Faria, Kevin Kim, Sadhvi Saxena, Amy Wright and Argye E. Hillis**
11. A multi-level analysis of spoken discourse production in healthy Cantonese speaking adults **Anthony Pak Hin Kong, Sampo Law, Lucie Lai-Fan Lo and Winston Wai-Tai Li**
12. Irony understanding in right brain–damaged individuals: Impairment in decoding or integrating contextual information? **Maud Champagne-Lavau, Natacha Cordonier, Anne Bellmann and Marion Fossard**

**Word Production**


15. Apraxia of speech in aphasia maps to lesions in the arcuate fasciculus  Karen Virginia Chenausky, Sébastien Paquette, Andrea C. Norton and Gottfried Schlaug

16. Speech errors patterns in post-stroke aphasia: cross-linguistic evidence from two elicitation tasks  Georgia Angelopoulou, Swathi Kiran, Dimitrios Kasselimis, Erin L Meier, Yue Pan, Maria Varkanitsa, Dimitris Tsolakopoulos, Georgios Papageorgiou, Dionysis Goutsos, Ioannis Evdokimidis and Constantin Potagas

17. Understanding individual differences in perception and production of lexical tones through brain oscillations at theta and gamma frequency bands  Jinghua Ou and Sampo Law

18. Neural encoding of phonetic features relates to phonological processing in PPA  Heather Raye Dial, Benjamin D Zinszer, Bharath Chandrasekaran and Maya Henry

19. French version of the Phonological Component Analysis: Preliminary results with three participants  Michele Masson-Trottier, Karine Marcotte, Carol Leonard, Elizabeth Rochon and Ana Inès Ansaldo

**Written Language**

20. Impact of design factors on reading behaviours of people with aphasia: An eye-tracking study  Carlee Wilson, Guillermina Noel, H. Isabel Hubbard and Esther Sung Kim


22. Letter Position Dyslexia in Turkish  Selçuk Güven and Naama Friedmann

23. A selective orthographic working memory deficit following cerebellar stroke  Simon Fischer-Baum, Elizabeth Baca, Brenda Rapp and Randi Martin

24. Understanding and classifying the different variants of Primary Progressive Aphasia based on spelling performance  Kyriaki Neophytou, Charalambos Themistocleous, Robert Wiley, Kyrana Tspakini and Brenda Rapp

**Cognitive Processes**


26. Task demands modulate the reliance of verbal working memory on motor vs. auditory systems: A multivariate lesion-mapping study  Maryam Ghaleh, Elizabeth H Lacey, Mackenzie Fama, Zainab Anbari, Andrew DeMarco and Peter E Turkeltaub

27. Daytime Sleepiness, Exertion Fatigue, and Task Vigilance in Persons with Aphasia  Ellyn Riley, Alyssa Anderson, Lyla Birenbaum, Joshua McCleary and Ying Wu

28. Resting state versus Task Based Exploration of Age-Related Changes of the Neurofunctional Connectome.  Perrine Ferre

29. Language deficits and cognitive profile on different stages of cerebrovascular disease  Maria Shendyapina and Brendan Weekes
### 2:00pm - 3:30pm Platform 4: Control processes in word production

- Learning from Errors: Further Exploration of the Monitoring Learning Effect  *Erica Middleton, Myrna F. Schwartz, Adelyn Brecher and Erica Johns*

- Proper Name, Logo Name and Common Noun Retrieval: The Role of Cognitive Reserve  *Sonia Montemurro, Chiara Crovace, Gonia Jarema and Sara Mondini*

- Cognitive Control, Semantic Processing, and Semantic Ambiguity Resolution in Individuals with Aphasia  *Wiltrud Fassbinder, Rebecca Hunting Pompon, Mohammed Aldhoayan, Hyun Seung Kim, Hyunsoo Yoo, Johannes Hüsing, Kevin Dalziel, Jeremy Mancini and Malcolm Ray McNeil*

### 4:00pm - 6:00pm Platform 5: Mechanisms of sentence processing in aphasia

- Mechanisms of syntactic learning in aphasia: Evidence from lexically specific and independent structural priming  *Jiyeon Lee, Grace Man, Emily Hosokawa, Sarah Meehan, Nadine Martin and Holly Branigan*

- Morphosyntactic production in agrammatic aphasia: A cross-linguistic machine learning approach.  *Valantis Fyndanis and Charalambos Themistocleous*

- Adaptation to the noise in aphasic sentence comprehension  *Rachel Ryskin, Edward Gibson and Swathi Kiran*

- Verb-argument integration in agrammatic aphasia: Evidence from event-related potentials  *Matthew Walenski, Elena Barbieri, Brianne Chiappetta and Cynthia K Thompson*

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**Tuesday, October 23**

### 8:00am - 10:00am Platform 6: Intervention: diagnosis, prognosis and treatment

- Evidence for language-specificity of a BCI-based language training  *Mariacristina Musso, David Hübner, Sarah Schwarzkopf, Cornelius Weiller and Michael Tangermann*

- Grey matter density in the right caudate nucleus predicts aphasic patients’ response to speech comprehension therapy  *Victoria Fleming, Sonia Brownsett and Alex P Leff*

- The Very Early Rehabilitation in Speech (VERSE) after stroke trial: an international 3-arm clinical trial to determine the effectiveness of early, intensive, prescribed, direct aphasia therapy.  *Erin Godecke, Elizabeth Armstrong, Tapan Rai, Dominique A Cadilhac, Sandy Middleton, Natalie Ciccone, Miranda Rose, Anne Whitworth, Fiona Ellery, Audrey Holland, Graeme Hankey and Julie Bernhardt*

- The utility of lesion classification models in predicting language abilities and treatment outcomes in persons with aphasia  *Erin L Meier, Jeffrey P Johnson, Yue Pan and Swathi Kiran*

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### 10:00am - 11:30am Poster Session 3: Intervention; Bilingualism

**Intervention**

1. Neuromodulatory effects of individualized tDCS on MEG dynamics in chronic post-stroke aphasia  *Priyanka P SHAH-BASAK, Gayatri Sivaratnam, Selina Teti, Alexander Francois-Nienaber, Tiffany Deschamps and Jed A Meltzer*

2. Patterns of post-stroke aphasia recovery: treatment, maintenance and generalization  *Tijana Simic, Tali Bitan, Laura Laird, Carol Leonard and Elizabeth Rochon*

3. Training outcomes for manipulable verbs in persons with aphasia: implications for verb representation  *Yasmeen Faroqi-Shah*

4. How is generalization managed in anomia research? An analysis of current practice and future directions  *Janet Patterson and Patrick Coppens*
5. Treatment Fidelity in Very Early Rehabilitation in SpEech (VERSE): An exploration of therapy dosage
   Emily Brogan, Natalie Ciccone, Siobhan Kavanagh and Erin Godecke

6. The inhibitory effect of anodal HD-tDCS over right inferior frontal gyrus on naming accuracy in people with aphasia
   Carrie Cheung, Mehdi Bakhtiar and Anthony Pak Hin Kong

7. Exploring the impact of laterality and polarity of tDCS on therapy for post-stroke anomia: A case series
   Margaret Sandars, Lauren Louise Cloutman and Anna M. Woollams

8. Meta-analysis of Treatment of Underlying Forms: dosage-related and person-level predictors of acquisition and generalization response
   Yina Quique, Alexander Michael Swiderski, William Hula and Michael Walsh-Dickey

9. Treatment of Auditory Processing in Noise in Mild Aphasia: Pilot Study
   Anastasia Marie Raymer, Hilary Sandberg, Kathryn Schwartz and Stacie Ringleb

10. Optimal Intensity of Anomia Treatment in Post-stroke Aphasic Patients
    Laura Monetta, Monica Lavoie and Joel Macoir

11. Combining Aerobic Exercise and Speech Language Treatment for Aphasia Rehabilitation: A Case Study
    Elizabeth E. Galletta and Mira Goral

12. Sensorimotor Strategies for the Improvement of Naming Abilities in Aphasia: Neural and Behavioral Correlates of POEM – Personalized Observation, Execution, and Mental Imagery Therapy in two participants with verb anomia
    Edith Durand, Pierre Berroir and Ana Inés Ansaldo

13. The effect of multimodality (spoken and written) Verb Network Strengthening Treatment (VNeST) on spoken and written outcomes for three people with distinct clinical presentations of aphasia
    Lisa A Edmonds

14. A Comparison of Two Treatment Approaches for Agrammatic Broca’s Aphasia: Script Therapy vs. Verb Network Strengthening Treatment
    Maureen Costello-Yacono and Venugopal Balasubramian

15. Spontaneous oscillatory activity in response to intensive tDCS and anomia therapy in primary progressive aphasia: A case series
    Jed A Meltzer, Tiffany Deschamps, Alexander Francois-Nienaber, Selina Teti, Regina Jokel and Priyanka P Shah-Basak

16. Relationship between word properties of fluency tasks at baseline and treatment outcomes in Primary Progressive Aphasia
    Adrià Rofes, Vânia de Aguiar, Bronte Ficek, Kimberly Theresa Webster, Haley Wendt, Brenda Rapp and Kyrana Tsapkini

17. Using tDCS to enhance speech motor learning therapy in apraxia of speech: A single-case experimental design
    Adam Buchwald and Stacey Rimikis

Bilingualism

18. Codeswitching in Bilingual Aphasia
    Teresa J Gray, Julia Navarro, Nestor Fragoso and Olivia Conner

19. Double-Dissociation in Noun and Verb Production in Bilingual Aphasia
    Anusha Balasubramanian, Julia E Hofweber and Arpita Bose

20. Verbal fluency performance in Bengali-English bilingual aphasia
    Abhijeet Patra and Arpita Bose

21. Agrammatic Aphasia in a Bidialectal/Bilingual Speaker of Caribbean English Creole and Standard English
    Taryn R Malcolm, Zahra Hejazi and Loraine K. Obler

    Christina Lutz, Lok Yiu Lee and Brendan Weekes

    Pauliina Sorvisto, Paul Gerald Mullins, James Keidel and Marie-Josephe Tainturier

12:30pm - 2:00pm Platform 7: The neural bases of language processing
- **White matter tract of orthographic recognition and its functional plasticity: Evidence from patients and congenital blinds**  
  Ke Wang, Xiaonan Li, Ruiwang Huang, Junhua Ding, Luping Song and Zaizhu Han

- **“Ride” vs. “/bal/”: Examining networks that support word retrieval through semantic vs. phonemic cueing**  
  Jacquie Kurland, David Andrew Ross, Anna Liu and Polly Stokes

- **The electrophysiological correlates of sublexical speech perception: A combined electrophysiological/cognitive neuropsychology approach**  
  Colin Michael Noe and Simon Fischer-Baum