Eleventh International Conference on the Mental Lexicon

September 25 – 28, 2018

Edmonton, AB, Canada
http://www.mentallexicon2018.ca

Eve of Conference: Tuesday, September 25th, 2018

*Opening Reception and Registration*  
Delta Hotels Edmonton Centre Suites Conference Centre  
19:00 – 22:00

Day 1: Wednesday, September 26th, 2018

| 8:00 – 8:40 | Coffee / Registration |
| 8:40 – 9:00 | Welcome |
| 9:00 – 10:00 | Opening: Benjamin V. Tucker & Juhani Järvičivi |

**Keynote Lecture:** Mirjam Ernestus  
Talk Title: *Exemplars in Spoken Word Recognition*

**Coffee Break**  
10:00 – 10:20

**Platform Session 1.1 (Chair: Debra Jared)**  
10:20 – 11:40

| 10:20 – 10:40 | Identical Cognates Have Different Form Representations in Different Languages: Evidence from L1L2 Cognates and L2L3 Cognates in Trilinguals’ Lexical Processing  
Dominiek Sandra, Ihor Biloushenko & Ton Dijkstra |
| 10:40 – 11:00 | A Reassessment of the Effects of Neighborhood Density and Phonotactic Probability on L2 English Word Learning  
Tsung-Ying Chen & Yi-Sin Sie |
| 11:00 – 11:20 | L1 Influences on L2 Morphological Awareness and Processing of English Derived Words  
Zhaohong Wu |
| 11:20 – 11:40 | Cross-linguistic Similarity Effects in L1 and L2 Word Recognition  
Jamie Taylor, Koji Miwa & Yoichi Mukai |
Lunch Break
11:40 – 13:20

12:00 – 13:00
Student/Postdoc Lunch & Learn / Networking Event
hosted by Words in the World / Mots dans le Monde

Platform Session 1.2 (Chair: Bryor Snefjella)
13:20 – 14:40

13:20 – 13:40
An Investigation of the Relationship Between Reading and Speech Production in Children and Adolescents
Cassidy Fleming, Angela Cullum & Jacqueline Cummine

13:40 – 14:00
Computational Modeling of the Role of Phonology in Silent Reading
Yu-Ying Chuang & Harald Baayen

14:00 – 14:20
Like a Ken Doll in the Wind? Phonology Drives Semantic Access in Visual Word Recognition
Simona Amenta, Simone Sulpizio, Giorgio Arcara & Marco Marelli

14:20 – 14:40
The Phonological-orthographic Consistency Effect on Reduced Word Forms in Japanese: Evidence from Pupillometry with a Delayed Naming Task
Yoichi Mukai, Juhani Järvikivi & Benjamin V. Tucker

Poster Session P.1 and Refreshments
14:40 – 16:20

1. Large Database of English Compounds (LADEC): An Overview and an Investigation of Semantic Transparency
Christina Gagne & Thomas Spalding

2. Pseudo-morphemic Structure Inhibits, but Morphemic Structure Facilitates, Processing of a Repeated Free Morpheme
Christina Gagne, Thomas Spalding, Kelly Nisbet & Caitrin Armstrong

3. The Effects of Chinese Word Structure on Categorization and Perception: Evidence from ERPs
Xuan Pan & Debra Jared

4. Cross-language Activation of Meaning by Phonology in Sentence Reading
Debra Jared, Deanna Friesen, Veronica Whitford, Olivia Ward & Debra Titone

5. A Cluster Analysis Approach to Assessing Vocabulary and Targeting Intervention
Aleka Akoyunoglou Blackwell

6. A Cross-linguistic Investigation of Response Time Distributions in Lexical Decision
Peter Hendrix

7. Gender Stability in Russian Expressive Nouns
Natalia Chuprasova, Varvara Magomedova & Natalia Slioussar

8. Evidence for Middle Letters Salience in Visual Word Recognition in Russian
Svetlana Alexeeva & Natalia Slioussar

9. Decay of Stem-final Consonant Mutations in Ukrainian
Anna Smetina, Varvara Magomedova & Natalia Slioussar

10. Speech Production in the Discriminative Lexicon
Harald Baayen
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<td>Morphological Processing across the Lifespan: Evidence from Number-dominant Nouns</td>
<td>Svetlana Malyshtina &amp; Elena Savinova</td>
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<td>A Semantic Vector Model for the Indonesian Prefixes pe- and peN-</td>
<td>Karlina Denistia, Elnaz Shafaei Bajestan &amp; Harald Baayen</td>
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<td>Massive Auditory Lexical Decision: Investigating Performance in Noisy Environments</td>
<td>Brant Harker, Michelle Leung, Filip Nenadić, Danielle Fonseca, Spenser Halfyard, Matthew Kelley, Pearl Lorentzen, Melina Sinclair &amp; Benjamin V. Tucker</td>
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<td>Synonyms in the Mental Lexicon and Mutual Exclusivity</td>
<td>Elena Nicoladis &amp; Angélique Laurent</td>
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<td>Syntactic Category Facilitates Rather Than Inhibits Lexical Competition</td>
<td>Phoebe Gaston, Ellen Lau &amp; Colin Phillips</td>
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<td>Graham Tomkins Feeny, Juhani Järviäki &amp; Benjamin V. Tucker</td>
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<td>Constance Imbault &amp; Victor Kuperman</td>
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<td>MEG Responses Track Lexical Processing of Continuous Narrative Speech</td>
<td>Christian Brodbeck and Jonathan Z. Simon</td>
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<td>I Bet I’ll Remember “Biochemistry” – Meta-memory as a Function of Lexical Features and Language Background</td>
<td>Grace Lin, Rachel Smith, Chelsea Pelleriti, Masha Jones &amp; Susanne Jaeggi</td>
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<td>Learning Case and Number Inflection in Three Typologically Distinct Artificial Languages</td>
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<td>Auditory Morphological Priming of Semantically Transparent and Opaque Dutch Prefixed Verbs</td>
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<td>Compounds and Phrases from a Cognitive Angle: Are they Learned Differently?</td>
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**Day 2: Thursday, September 27th, 2018**

8:00 – 8:40  **Coffee / Registration**

**Platform Session 2.1** (Chair: Ingo Plag)  
8:40 – 9:00  *Individual Variability in Processing Words in L1 and L2*  
Victor Kuperman, Raymond Bertram, Charlotte Erlinghagen & Aleksandra Pieczykolan

9:00 – 9:20  *Phonemic and Semantic Verbal Fluency in Bilingual Lakota-English Speakers*  
Larissa Jordan & Karen Bryant

9:20 – 9:40  *Lexical Organization in L2 Arabic: A Masked Priming Study*  
Rebecca Foote, Mousa Qasem & Emma Trentman

9:40 – 10:00  *Comparing L1 and L2 Processing of Novel Lexical Items: An Eye-tracking Study*  
Anna Tsiola & Kiel Christianson

**Poster Session P.2 and Refreshments**  
10:00 – 11:40

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<td>Context and Literality in L1 and L2 Idiom Processing: A Self-paced Reading Study</td>
<td>Sara Beck &amp; Andrea Weber</td>
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<td>Intentional and Incidental Encoding of Associative Information</td>
<td>Brette Lansue, Daniela Wong Gonzalez &amp; Lori Buchanan</td>
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<td>3</td>
<td>Morphological Processing in Aging Bilinguals: Evidence from Inflectional and Derivational Priming</td>
<td>Jana Reifegerste, Kirill Elin &amp; Harald Clahsen</td>
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<td>4</td>
<td>Pronoun Interpretation Problem in Dutch-German Bilingual Children: On the Role of Language Dominance and Language Influence</td>
<td>Regina Hert, Anike van Oosterom, Petra Hendriks &amp; Esther Ruigendijk</td>
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<td>5</td>
<td>On the Semantics of Non-words and their Lexical Categories</td>
<td>Giovanni Cassani, Yu-Ying Chuang &amp; Harald Baayen</td>
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<td>Is Executive Function Associated with Vocabulary Naming Miscues for Preschool Children?</td>
<td>Trelani Milburn, Anka Chan, Leah Auch &amp; Bryan Legrow</td>
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<td>How Does Syntactic Form and Conventionality Affect Metaphor Production?</td>
<td>Faria Sana, Juana Park, J. Claire Burry, Christina Gagne &amp; Thomas Spalding</td>
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<td>Computational Modeling of an Auditory Lexical Decision Task using jTRACE</td>
<td>Filip Nenadić &amp; Benjamin V. Tucker</td>
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<td>10</td>
<td>The Time-based Demands of Visualization</td>
<td>Simritpal K. Malhi, Cassidy Kost &amp; Lori Buchanan</td>
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11. *Letter Connectedness and Arabic Visual Word Recognition*
   Ibrahim Alluhaybi & Jeffrey Witzel

12. *Word Neighborhood Influences Lexical Access and Benefits L2 Students (Portuguese)*
   *in a L1 (Spanish) Context*
   Alma Luz Rodríguez Lázaro

13. *Following the Path of Lexical Access in Bilinguals (Spanish-English) through Eye-tracking*
   Alma Luz Rodríguez Lázaro & Natalia Arias-Trejo

14. *Does Spacing Help Reading Languages with Non-spaced Texts? A Study On Mandarin Chinese*
   Gaisha Oralova & Victor Kuperman

15. *Variability and Consistency in L2 Morphology: An EEG Production Study*
   Anna Jessen, Joao Veríssimo & Harald Clahsen

16. *The Structure of Persian Compound Words in the Mental Lexicon*
   Narcisse Torshizi & Elisabet Service

17. *Diachronic and Qualitative Analysis of English Hyphenated Compounds in the Last Two Hundred Years*
   Kun Sun

18. *The Kamin Blocking Effect in Speech Acquisition: Non-native Acoustic Cue Learning is Blocked by Already-learned Cues*
   Jessie S. Nixon

19. *Investigating ‘Nativeness’: L1 Morphological Processing in an L2-dominant Environment*
   Sandra Kotzor, Swetlana Schuster & Aditi Lahiri

20. *Effects of Practice on Anticipatory Coarticulation in Suffixed Verbs*
    Fabian Tomaschek, Benjamin V. Tucker & Harald Baayen

21. *Long-term Dependencies in Plains Cree*
    Atticus Harrigan, Antti Arppe & Katherine Schmirler

22. *Grammatical Processing in a Heritage Language: Evidence from Morphological Decomposition of Vietnamese Compounds*
    Juliet Huynh & Naoko Witzel

23. *L2 Development of the Russian Case System*
    Natalia Cherepovskaia & Natalia Slioussar

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**Lunch Break**

11:40 – 13:20

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**Platform Session 2.2 (Chair: Elena Nicoladis)**

13:20 – 13:40  *Don’t Take It Out of Context: Investigating the Effects of Task Demands on Semantic Processing*
   Alison Heard, Andrea Protzner & Penny Pexman

13:40 – 14:00  *Symbolic and Embodied Representations in a Deep Dyslexic*
   Tara Mcauley, Simritpal Malhi, Brette Lansue & Lori Buchanan
14:00 – 14:20 *Do Idioms Have a Heart? The SIDE (Sentiment of IDiomatic Expressions) Project*  
Lucia C. Passaro, Marco S. G. Senaldi & Alessandro Lenci

14:20 – 14:40 *Why Atomism?*  
Roberto G. de Almeida & Caitlyn Antal

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**Poster Session P.3 and Refreshments**  
14:40 – 16:20

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<th><em>Do Newly-learned L2 Words Compete with L1 Words?</em></th>
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<td>Nawal Mustafa &amp; Lori Buchanan</td>
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<td><em>Differences in Native and Non-native Lombard Speech Production and Perception</em></td>
<td>Katherine Marcoux, Elisabeth Süß &amp; Mirjam Ernestus</td>
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<td><em>Lexical Relations in Two Groups of Mexican Elderly</em></td>
<td>Deviani Bonilla &amp; Natalia Arias Trejo</td>
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<td><em>Numerals Beyond Language: When Word Usage is Governed by Psychophysical Laws</em></td>
<td>Marco Marelli &amp; Luca Rinaldi</td>
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<td><em>Consistency Measures Individuate Different Activation Networks in Priming Paradigms</em></td>
<td>Simona Amenta, Davide Crepaldi &amp; Marco Marelli</td>
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<td><em>Is Inflectional Irregularity Dysfunctional to Human Processing?</em></td>
<td>Claudia Marzi, Marcello Ferro &amp; Vito Pirrelli</td>
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<td><em>Iconic Word Recognition</em></td>
<td>David Sidhu, Gabriella Vigliocco &amp; Penny Pexman</td>
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<td>Chris Westbury &amp; Geoff Hollis</td>
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| 16. **Determinants of Successful Reading Development in L2 English Learners: A Within Participant Eye-movement Study**  
Daniel Schmidtke, Amy-Beth Warriner & Anna Moro |
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| 17. **Generating a Historical Concreteness Lexicon**  
Bryor Snejella, Michel Genereux & Victor Kuperman |
| 18. **Developing and Validating a Canadian French N400 Event Related Potential Paradigm**  
Nancy Azevedo, Stefanie Blain-Moraes, Alexandra Papathanasopoulos, Leen Yamani, Jason Rokos, Alexander Da Silva Castanheira & Eva Kehayia |
| 19. **On Choosing the Vehicles for Metaphors 2.0: Body-object Interaction and Semantic Neighbourhood Density**  
Hamad Al-Azary & Albert Katz |
| 20. **Investigating the Relationship Between Reading and Statistical Learning in English and Hebrew**  
Kelly Nisbet & Victor Kuperman |
| 21. **Effects of Word Stem and Personality in Affective Ratings for Complex Words**  
Kaidi Lõo, Abigail Toth, Figen Karaca & Juhani Järvikivi |
| 22. **Behavioral Mechanisms of Spelling Errors in Adults with Dyslexia**  
Kulpreet Cheema & Jacqueline Cummine |

**Platform Session 2.3** (Chair: Dominiek Sandra)  
16:20 – 17:40

**Aging Affects Steaks More Than Knives: Evidence that Lexical Processing of Words Related to Motor Skills Is Relatively Spared in Aging**  
Jana Reifegerste, Pienie Zwitserlood, Antje Meyer & Michael Ullman

**Processing Trade-off? Predicting from Foreign-accented Speech**  
Vincent Porretta, Lori Buchanan & Juhani Järvikivi

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

**Forty Years of Experience and Counting**  
Aki-Juhani Kyröläinen & Victor Kuperman

**Conference Banquet**  
Shaw Conference Centre  
18:30 – 22:00
Day 3: Friday, September 28th, 2018

8:00 – 8:40  Coffee / Registration

Platform Session 3.1 (Chair: Lori Buchanan)  8:40 – 10:00

8:40 – 9:00  When Switching Language is Cost-free
Michela Mosca, Chaya Manawamma & Kees de Bot

9:00 – 9:20  On-line Evidence for Processing Difficulties with Nominal Compounds in Native Speakers of English
Leigh Fernandez, John Gamboa & Shanley Allen

9:20 – 9:40  A Word or Two about Nonwords
Peter Hendrix

9:40 – 10:00  Form Priming by Discontinuous Consonant Letter Strings in Visual Masked Priming
Skye Anderson & Jonathan Geary

Poster Session P.4 and Refreshments  10:00 – 11:40

1. The Semantic Representation of Abstract Verbs
   Emiko Muraki, Alison Heard, David Sidhu & Penny Pexman

2. Whole Word Frequency Effects in L1 and L2 Masked Priming (Very Little Corn in Corner or Cornet)
   Juhani Järvi-kivi & Kaidi Lõo

3. The Barking Tree: Eye-tracking Evidence for Early Access to Semantically Ambiguous Lexical Roots in Sentences
   Roberto G. de Almeida & Gary Libben

   Shiloh Drake

5. NO Acoustic Correlates of Grammatical Class – Failure to Replicate Sereno & Jongman (1995)
   Arne Lohmann

6. Learning Beyond Words: Learning and Generalization of a Complex Morphological Construction in Children and Adults
   Niveen Omar, Bracha Nir & Karen Banai

   Swetlana Schuster & Aditi Lahiri

8. Short-term and Long-term Effects of L1 on Language-specific and Cognitive Control Tasks in Highly Proficient L2 Speakers
   Eva Smolka & Hamutal Kreiner

9. Can you Reach for the Planets or Grasp at the Stars? – Modified Noun, Verb, or Preposition Constituents in Idiom Processing
   Eva Smolka & Carsten Eulitz
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<td>Interpretational Diversity in Novel Compounds and What the Head Noun Has to Do with It</td>
<td>Melanie Bell &amp; Martin Schäfer</td>
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<td>Intervention in Two Rhyme Priming Tasks</td>
<td>Hezekiah Akiva Bacovcin, Amy Goodwin Davies &amp; Robert Wilder</td>
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<td><em>I Know Spanish. What Romance Language Should I Learn Next?</em></td>
<td>David Beard, Emily Neff &amp; Ally Bucher</td>
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<td>Constructing Two Vietnamese Corpora and Building a Lexical Database</td>
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<td>Lexical Availability of Bilingual Students in a High School Institution Specialized in Agriculture</td>
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<td>Processing Asymmetries Between Prefixed and Suffixixed Forms in Bengali</td>
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<td>Morphologically Mediated Syntactic Priming in Visual Lexical Decision: Evidence from Russian</td>
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**Lunch Break**  
11:40 – 13:20

**Keynote Lecture:** Gabriella Vigliocco  
Talk title: *Learning and Processing Words Face-to-face: The Role of Multimodality and Iconicity*

**Platform Session 3.2 (Chair: Melanie Bell)**  
14:20 – 15:00  
**Evidence for Early Form-based Decomposition in Auditory Priming**  
Nattanun Chanchaochai & Ava Creemers

14:40 – 15:00  
**Shorter Phone Duration Facilitates Isolated Spoken Word Recognition**  
Catherine Ford, Filip Nenadić, Daniel Brenner & Benjamin V. Tucker

15:00 – 15:20  
**Quantifiers and Discourse Referents in Swedish: An ERP Study**  
Fredrik Heinat & Eva Klingvall
Coffee Break

Platform Session 3.3 (Chair: Vito Pirrelli)

15:40 – 15:50  Event Categorization Using Information Outside the Verb
Aron Marvel, Jean-Pierre Koenig & Gail Mauner

16:00 – 16:20  The Origins of Sound Symbolism
Angeliki Athanasopoulou, David Sidhu, Stephanie Archer, Suzanne Curtin & Penny Pexman

16:20 – 16:40  How Acoustic Distinctiveness Affects Spoken Word Recognition: A Pilot Study
Matthew C. Kelley

16:40 – 17:00  The Role of Noun vs. Verb Templates in Visual Word Recognition in Hebrew
Marina Oganyan, Richard Wright & Julia Herschensohn

Student Awards and Closing Remarks

17:00 – 17:30