

# 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* 19:00 – 22:00  
Delta Hotels Edmonton Centre Suites Conference Centre

## Day 1: Wednesday, September 26th, 2018

8:00 – 8:40 *Coffee / Registration*

8:40 – 9:00 *Welcome*

***Opening: Benjamin V. Tucker & Juhani Järvikivi***

**Keynote Lecture:** Mirjam Ernestus 9:00 – 10:00  
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 Biloushchenko & 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**

12:00 – 13:00

11:40 – 13:20

**Student/Postdoc Lunch & Learn / Networking Event***hosted by Words in the World / Mots dans le Monde***Platform Session 1.2** (Chair: Bryor Sneffjella)

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 &amp; Jacqueline Cummine

13:40 – 14:00 *Computational Modeling of the Role of Phonology in Silent Reading*

Yu-Ying Chuang &amp; 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 &amp; 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 &amp; Benjamin V. Tucker

**Poster Session P.1 and Refreshments**

14:40 – 16:20

1. <i>LADEc Database of English Compounds (LADEC): An Overview and an Investigation of Semantic Transparency</i> Christina Gagne & Thomas Spalding
2. <i>Pseudo-morphemic Structure Inhibits, but Morphemic Structure Facilitates, Processing of a Repeated Free Morpheme</i> Christina Gagne, Thomas Spalding, Kelly Nisbet & Caitrin Armstrong
3. <i>Configural Cues in Language: A Naive Discriminative Learning Approach</i> Geoff Hollis
4. <i>The Effects of Chinese Word Structure on Categorization and Perception: Evidence from ERPs</i> Xuan Pan & Debra Jared
5. <i>Cross-language Activation of Meaning by Phonology in Sentence Reading</i> Debra Jared, Deanna Friesen, Veronica Whitford, Olivia Ward & Debra Titone
6. <i>A Cluster Analysis Approach to Assessing Vocabulary and Targeting Intervention</i> Aleka Akoyunoglou Blackwell
7. <i>A Cross-linguistic Investigation of Response Time Distributions in Lexical Decision</i> Peter Hendrix
8. <i>Gender Stability in Russian Expressive Nouns</i> Natalia Chuprasova, Varvara Magomedova & Natalia Slioussar
9. <i>Evidence for Middle Letters Salience in Visual Word Recognition in Russian</i> Svetlana Alexeeva & Natalia Slioussar
10. <i>Decay of Stem-final Consonant Mutations in Ukrainian</i> Anna Smetina, Varvara Magomedova & Natalia Slioussar

11.	<i>Speech Production in the Discriminative Lexicon</i> Harald Baayen
12.	<i>Modeling Auditory Word Recognition with Linear Discriminative Learning</i> Elnaz Shafaei Bajestan & Harald Baayen
13.	<i>L2 Development of the Russian Case System</i> Natalia Cherepovskaia & Natalia Slioussar
14.	<i>Morphological Processing across the Lifespan: Evidence from Number-dominant Nouns</i> Svetlana Malyutina & Elena Savinova
15.	<i>A Semantic Vector Model for the Indonesian Prefixes pe- and peN-</i> Karlina Denistia, Elnaz Shafaei Bajestan & Harald Baayen
16.	<i>Massive Auditory Lexical Decision: Investigating Performance in Noisy Environments</i> Brant Harker, Michelle Leung, Filip Nenadić, Danielle Fonseca, Spenser Halfyard, Matthew Kelley, Pearl Lorentzen, Melina Sinclair & Benjamin V. Tucker
17.	<i>Synonyms in the Mental Lexicon and Mutual Exclusivity</i> Elena Nicoladis & Angélique Laurent
18.	<i>Morphologically Mediated Syntactic Priming in Visual Lexical Decision: Evidence from Russian</i> Anastasia Chuprina, Nicholas Lester & Natalia Slioussar
19.	<i>Syntactic Category Facilitates Rather Than Inhibits Lexical Competition</i> Phoebe Gaston, Ellen Lau & Colin Phillips
20.	<i>Emotion and Lexical Effects in an Auditory Lexical Decision Task with Vocal Affect</i> Graham Tomkins Feeny, Juhani Järvikivi & Benjamin V. Tucker
21.	<i>How Does Text Interest Interact with Benchmark Predictors and Semantic Variables While Reading?</i> Constance Imbault & Victor Kuperman
22.	<i>MEG Responses Track Lexical Processing of Continuous Narrative Speech</i> Christian Brodbeck and Jonathan Z. Simon
23.	<i>I Bet I'll Remember "Biochemistry" – Meta-memory as a Function of Lexical Features and Language Background</i> Grace Lin, Rachel Smith, Chelsea Pelleriti, Masha Jones & Susanne Jaeggi

**Platform Session 1.3** (Chair: Victor Kuperman)

**16:20 – 17:40**

- 16:20 – 16:40 *How Morphological Structure Affects Phonetic Encoding: Modeling the Duration of Morphemic and Non-morphemic S*  
Fabian Tomaschek, Ingo Plag, Harald Baayen & Mirjam Ernestus
- 16:40 – 17:00 *Learning Case and Number Inflection in Three Typologically Distinct Artificial Languages*  
Vedran Dronjic, Daniel Keller, Maren Greve, Maria Kostromitina & Tiana Covic
- 17:00 – 17:20 *Auditory Morphological Priming of Semantically Transparent and Opaque Dutch Prefixed Verbs*  
Ava Creemers, Amy Goodwin Davies & Robert J. Wilder
- 17:20 – 17:40 *Compounds and Phrases from a Cognitive Angle: Are they Learned Differently?*  
Marcel Schlechtweg

## Day 2: Thursday, September 27th, 2018

8:00 – 8:40 Coffee / Registration

### Platform Session 2.1 (Chair: Ingo Plag)

8:40 – 10:00

- 8:40 – 9:00 *Individual Variability in Processing Words in L1 and L2: The Harmful Role of Spelling Errors*  
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

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

11. <i>Letter Connectedness and Arabic Visual Word Recognition</i> Ibrahim Alluhaybi & Jeffrey Witzel
12. <i>Word Neighborhood Influences Lexical Access and Benefits L2 Students (Portuguese) in a L1 (Spanish) Context</i> Alma Luz Rodríguez Lázaro
13. <i>Following the Path of Lexical Access in Bilinguals (Spanish-English) through Eye-tracking</i> Alma Luz Rodríguez Lázaro & Natalia Arias-Trejo
14. <i>Does Spacing Help Reading Languages with Non-spaced Texts? A Study On Mandarin Chinese</i> Gaisha Oralova & Victor Kuperman
15. <i>Variability and Consistency in L2 Morphology: An EEG Production Study</i> Anna Jessen, Joao Veríssimo & Harald Clahsen
16. <i>The Structure of Persian Compound Words in the Mental Lexicon</i> Narcisse Torshizi & Elisabet Service
17. <i>Diachronic and Qualitative Analysis of English Hyphenated Compounds in the Last Two Hundred Years</i> Kun Sun
18. <i>The Kamin Blocking Effect in Speech Acquisition: Non-native Acoustic Cue Learning is Blocked by Already-learned Cues</i> Jessie S. Nixon
19. <i>Investigating ‘Nativity’: L1 Morphological Processing in an L2-dominant Environment</i> Sandra Kozor, Svetlana Schuster & Aditi Lahiri
20. <i>Effects of Practice on Anticipatory Coarticulation in Suffixed Verbs</i> Fabian Tomaschek, Benjamin V. Tucker & Harald Baayen
21. <i>Long-term Dependencies in Plains Cree</i> Atticus Harrigan, Antti Arppe & Katherine Schmirler
22. <i>Grammatical Processing in a Heritage Language: Evidence from Morphological Decomposition of Vietnamese Compounds</i> Juliet Huynh & Naoko Witzel

## **Lunch Break**

**11:40 – 13:20**

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

**13:20 – 14:40**

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

### Poster Session P.3 and Refreshments

14:40 – 16:20

1. <i>Do Newly-learned L2 Words Compete with L1 Words?</i> Rongchao Tang & Naoko Witzel
2. <i>The Word Frequency Effect: Relationship of Lexical Entries Between the Primary and Secondary Language</i> Nawal Mustafa & Lori Buchanan
3. <i>Differences in Native and Non-native Lombard Speech Production and Perception</i> Katherine Marcoux, Elisabeth Süß & Mirjam Ernestus
4. <i>Lexical Relations in Two Groups of Mexican Elderly</i> Deviani Bonilla & Natalia Arias Trejo
5. <i>Numerals Beyond Language: When Word Usage is Governed by Psychophysical Laws</i> Marco Marelli & Luca Rinaldi
6. <i>Consistency Measures Individuate Different Activation Networks in Priming Paradigms</i> Simona Amenta, Davide Crepaldi & Marco Marelli
7. <i>Processing Compounds: What Frequency (Alone) Cannot Explain</i> Vito Pirrelli, Marcello Ferro, Claudia Marzi, Christina Gagné, Thomas Spalding & Marco Marelli
8. <i>Is Inflectional Irregularity Dysfunctional to Human Processing?</i> Claudia Marzi, Marcello Ferro & Vito Pirrelli
9. <i>Surviving the Intervention: ERPs and Masked Intervenor Priming</i> Jeffrey Witzel, Naoko Witzel, Ehsan Shafiee Zargar & Kenneth Forster
10. <i>ReadLet: An ITC Platform for the Assessment of Reading Efficiency in Early Graders</i> Marcello Ferro, Claudia Cappa, Sara Giulivi, Claudia Marzi, Franco Alberto Cardillo & Vito Pirrelli
11. <i>Iconic Word Recognition</i> David Sidhu, Gabriella Vigliocco & Penny Pexman
12. <i>Repetition Blindness and Survival of the Group in Homophones</i> Laura Pineault, Annie Jackson, Aleksandra Redko & Lori Buchanan
13. <i>Processing of Formulaic Expressions in the Second Language</i> Essa Batel
14. <i>Conceptualizing Syntactic Category Membership as Continuously Graded Semantics</i> Chris Westbury & Geoff Hollis
15. <i>Semantic Neighbourhood Density Effects on Memory for Word Associations</i> Daniela Wong Gonzalez & Lori Buchanan
16. <i>Exploring Intralexical Meaning: Semantic Neighbourhood and Transparency Effects on the Reading of Compound Words</i> Katherine Matchett & Lori Buchanan

17.	<i>Determinants of Successful Reading Development in L2 English Learners: A Within Participant Eye-movement Study</i> Daniel Schmidtke, Amy-Beth Warriner & Anna Moro
18.	<i>Generating a Historical Concreteness Lexicon</i> Bryor Sneffjella, Michel Genereux & Victor Kuperman
19.	<i>Developing and Validating a Canadian French N400 Event Related Potential Paradigm</i> Nancy Azevedo, Stefanie Blain-Moraes, Alexandra Papathanasopoulos, Leen Yamani, Jason Rokos, Alexander Da Silva Castanheira & Eva Kehayia
20.	<i>On Choosing the Vehicles for Metaphors 2.0: Body-object Interaction and Semantic Neighbourhood Density</i> Hamad Al-Azary & Albert Katz
21.	<i>Investigating the Relationship Between Reading and Statistical Learning in English and Hebrew</i> Kelly Nisbet & Victor Kuperman
22.	<i>Effects of Word Stem and Personality in Affective Ratings for Complex Words</i> Kaidi Lõo, Abigail Toth, Figen Karaca & Juhani Järvikivi
23.	<i>Behavioral Mechanisms of Spelling Errors in Adults with Dyslexia</i> Kulpreet Cheema & Jacqueline Cummine

**Platform Session 2.3** (Chair: Emmanuel Keuleers)

**16:20 – 17:40**

- 16:20 – 16:40 *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
- 16:40 – 17:00 *Processing Trade-off? Predicting from Foreign-accented Speech*  
Vincent Porretta, Lori Buchanan & Juhani Järvikivi
- 17:00 – 17:20 *Proper Name, Logo Name and Common Noun Retrieval: The Role of Cognitive Reserve*  
Sonia Montemurro, Chiara Crovace, Gonja Jarema & Sara Mondini
- 17:20 – 17:40 *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. <i>The Semantic Representation of Abstract Verbs</i> Emiko Muraki, Alison Heard, David Sidhu & Penny Pexman
2. <i>Whole Word Frequency Effects in L1 and L2 Masked Priming (Very Little Corn in Corner or Cornet)</i> Juhani Järvikivi & Kaidi Lõo
3. <i>The Barking Tree: Eye-tracking Evidence for Early Access to Semantically Ambiguous Lexical Roots in Sentences</i> Roberto G. de Almeida & Gary Libben
4. <i>What Can a Wug Test Tell Us about Abstract Morpheme Storage? A Behavioral Account</i> Shiloh Drake
5. <i>NO Acoustic Correlates of Grammatical Class – Failure to Replicate Sereno &amp; Jongman (1995)</i> Arne Lohmann
6. <i>Learning Beyond Words: Learning and Generalization of a Complex Morphological Construction in Children and Adults</i> Niveen Omar, Bracha Nir & Karen Banai
7. <i>Hidden Morphological Layers: The Role of Intermediate Derivational Steps</i> Swetlana Schuster & Aditi Lahiri
8. <i>Short-term and Long-term Effects of L1 on Language-specific and Cognitive Control Tasks in Highly Proficient L2 Speakers</i> Eva Smolka & Hamutal Kreiner
9. <i>Can you Reach for the Planets or Grasp at the Stars? – Modified Noun, Verb, or Preposition Constituents in Idiom Processing</i> Eva Smolka & Carsten Eulitz



10.	<i>Interpretational Diversity in Novel Compounds and What the Head Noun Has to Do with It</i> Melanie Bell & Martin Schäfer
11.	<i>Intervention in Two Rhyme Priming Tasks</i> Hezekiah Akiva Bacovcin, Amy Goodwin Davies & Robert Wilder
12.	<i>I Know Spanish. What Romance Language Should I Learn Next?</i> David Beard, Emily Neff & Ally Bucher
13.	<i>Morphological Effects in Auditory Word Recognition in Tashlhit (Amazigh/Berber)</i> Fatima El Hamdi
14.	<i>Constructing Two Vietnamese Corpora and Building a Lexical Database</i> Hien Pham, Benjamin V. Tucker & Harald R. Baayen
15.	<i>Similar Transposition Effects in Hindi Regardless of L2-English Literacy Levels</i> Anurag Rimzhim
16.	<i>The Effect of Being Semantically Precise: Processing Correlates of Action Verbs</i> Margit Scheibel
17.	<i>The Semantics of Relationships: Hebrew Prepositions in Early Acquisition</i> Elisheva Salmon, Elitzur Datner & Dorit Ravid
18.	<i>Lexical Availability of Bilingual Students in a High School Institution Specialized in Agriculture</i> Willelmira Castillejos Lopez
19.	<i>Does Script Shape Thought? Mandarin Chinese Speakers Have Different Semantic Associations Depending on Whether They Read Words in Simplified Characters or Pinyin</i> Emmanuel Keuleers & Shuwen Chen
20.	<i>Concrete and Abstract Word Learning in Developmental Language Disorder: A Computational Exploration</i> Armand Rotaru, Alessandro Lenci & Gabriella Vigliocco
21.	<i>What Can Typing and Writing Tell Us about Morphological Planning?</i> Gary Libben, Gonia Jarema, Poling Bork & Javon Luke
22.	<i>Processing Asymmetries Between Prefixed and Suffixed Forms in Bengali</i> Beinan Zhou, Hilary Wynne, Sandra Kotzor, Svetlana Schuster & Aditi Lahiri

## **Lunch Break**

**11:40 – 13:20**

## **Platform Session 3.2** (Chair: Melanie Bell)

**13:20 – 14:40**

13:20 – 13:40 *Evidence for Early Form-based Decomposition in Auditory Priming*

Nattanun Chanchaochai & Ava Creemers

13:40 – 14:00 *How Acoustic Distinctiveness Affects Spoken Word Recognition: A Pilot Study*

Matthew C. Kelley

14:00 – 14:20 *Shorter Phone Duration Facilitates Isolated Spoken Word Recognition*

Catherine Ford, Filip Nenadić, Daniel Brenner & Benjamin V. Tucker

14:20 – 14:40 *The Origins of Sound Symbolism*  
Angeliki Athanasopoulou, David Sidhu, Stephanie Archer, Suzanne Curtin  
& Penny Pexman

**Coffee Break**

**14:40 – 15:00**

**Platform Session 3.3** (Chair: Vito Pirrelli) **15:00 – 16:00**

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

15:20 – 15:40 *The Role of Noun vs. Verb Templates in Visual Word Recognition in Hebrew*  
Marina Oganyan, Richard Wright & Julia Herschensohn

15:40 – 16:00 *Event Categorization Using Information Outside the Verb*  
Aron Marvel, Jean-Pierre Koenig & Gail Maurer

**Keynote Lecture:** Gabriella Vigliocco

**16:00 – 17:00**

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

**Student Awards and Closing Remarks**

**17:00 – 17:30**