



Program

First Latin American Conference on Eye Movements 2025

Preconference Workshops

Time	Wednesday, December 10, Sausalito Venue, Sala G1-3, Viña del Mar
8:30 – 18:00	Registration
9:00 – 10:50	Workshop Translating research questions into eye movement studies Denis Drieghe & João Vieira
10:50 – 11:30	<i>Coffee break</i>
11:30 – 13:00	Workshop Translating research questions into eye movement studies Denis Drieghe & João Vieira
13:00 – 14:00	Lunch
14:00 – 15:50	Workshop Analyzing and reporting eye-movement data Bernhard Angele
15:50 – 16:30	<i>Coffee break</i>
16:30 – 18:00	Workshop Analyzing and reporting eye-movement data Bernhard Angele
18:00 – 19:00	Reception

Conference Program

Time		Thursday, December 11 – Casa Central Venue, Salón V Centenario, Valparaíso	
8:30		Opening Ceremony	
9:20 – 10:20		Keynote Eye-Tracking in Instructed Second Language Acquisition: A Historical Perspective and a Call for Inclusive, Representative Research Aline Godfroid	
10:20 – 10:40		Coffee break	
Multilingual Reading and Processing			
10:40 – 11:00	Rui Rothe-Neves, Nadia Lana, Marina Leite, Beatriz Carvalho & Victor Kuperman	Visual Attention and Novel Word Learning: New Evidence From First- And Second-Language Learners of Brazilian Portuguese and English	
11:00 – 11:20	Carla Menares Arancibia, Eloi Puig Mayenco & Jill Hohenstein	Unpacking Predictive Processing in a Third Language (L3): Eye-Tracking Evidence from “Test-Tube Languages”	
11:20 – 11:40	Leeann Stover & Gita Martohardjono	The Effect of Language Dominance on Relative Clause Processing: a VWP study	
11:40 – 11:50		Break	
Interplay Between Lexical, Syntactic, and Cognitive Processes in Reading			
11:50 – 12:10	Michelle Danhier & Renate Delucchi	The Impact of Expert Jargon on Trust and Recommendation Adherence: Insights from a Gamified Eye-Tracking Experiment	
12:10 – 12:30	Ernesto Guerra, Andrea Helo, Carlos Rojas & Bernardo Riffo	Cognitive Compensation in Reading: Eye-Tracking Bridging Inferences in Aging Adults	
12:30 – 12:50	Fernando Moncada	Standards of Coherence in Academic Reading: Eye Movement Evidence for Differential Processing Routes	
12:50 – 14:40		Lunch & Poster Session	
Visual Processing and Cognitive Strategies Across Tasks and Contexts			

Time	Thursday, December 11 – Casa Central Venue, Salón V Centenario, Valparaíso	
14:40 – 15:00	Tobias Neukirchen, Christian Vorstius & Radach Ralph	Cognitive Glucose Sensitivity and Intercultural Differences in Food Cue Processing: Insights from Eye-Tracking and Cross-Cultural Research
15:00 – 15:20	Ítalo Assis, Vera Araújo, Patrícia Vieira & Andrew Duchowski	Do Deflections Disrupt Subtitle Reading? Evidence from Eye-Tracking Research
15:20 – 15:40	Michel Cara, Divna Mitrovic & Carlos Rojas	Visual Processing in Flute Practice: Coupling Eye Movements, Respiratory Activity, and Anticipation
15:40 – 16:00	Renate Delucchi	Different Strategies, Equal Success: Gendered Visual Search Patterns in Spatial Floor Plan Identification
16:00 – 16:20	Coffee break	
Interplay Between Lexical, Syntactic, and Cognitive Processes in Reading		
16:20– 16:40	Marisol Murujosa, Carolina Gattei, Diego Shalom & Yamila Sevilla	Incoming Regressions Reveal Morphosyntactic Information Search During Reanalysis
16:40 – 17:00	Gabriel Perez Moya & Ernesto Guerra	Reading Between the Lines: The Influence of Vocabulary and Mentalizing on Irony Comprehension
17:00 – 17:20	Valentina Pérez, Andrea Helo & Carmen Julia Coloma	Transition from the Sublexical Route to the Lexical Route in Reading among Third- and Fifth-Grade Children: The Role of Vocabulary and Phonemic Awareness

Time			Friday, December 12 – Casa Central PUCV Venue, Valparaíso		
Critical Reading, Emotion, and Evaluation					
09:20 – 09:40		Victor Kuperman, Romualdo Ibáñez & Johanna Kaakinen		Emotional Engagement With the Text Influences Eye Movement Behavior and Text Comprehension Across Languages	
09:40 – 10:00		Reinaldo José de Carvalho Júnior		Cognitive Processes and Reading Patterns in the Identification of Facts And Opinions: An Eye-Tracking Study with Brazilian Students	
10:00 – 10:20		Luciano Cataldo & Andrea Santana		The Role Of English L2 Proficiency During Validation Processes in Chilean University Students: Eye-Tracking Evidence	
10:20 – 10:40		Coffee break			
Parafoveal Processing and Word Skipping in Reading					
10:40 – 11:00		João Vieira, Elisângela Teixeira, Hayward Godwin & Denis Drieghe		Definitely Ignored: Parafoveal Processing of Articles in Brazilian Portuguese	
11:00 – 11:20		Ascensión Pagán		Does Contextual Diversity Influence the Orthographic Parafoveal Processing of Novel Words?	
11:20 – 11:40		Marina Serrano-Carot & Bernhard Angele		How Much Do We Process Before We Fixate? Skipping Articles in Spanish	
11:40 – 11:50		Break			
Cognitive Load and Information Processing					
11:50 – 12:10		Lucía Castillo, Cristina Rodríguez, Roberto Ferreira, Romualdo Ibáñez, Bárbara Guzmán, César Campos, Cristóbal Julio and Andrea Casanova		Eye-Movement Differences in Problem Solving in School Children: Effects of Consistency and Markedness	
12:10 – 12:30		Daniela Cid De Garcia		How We Read Shakespeare: Eye-Tracking Sentence Processing in Syntactically Demanding Texts	

Time			Friday, December 12 – Casa Central PUCV Venue, Valparaíso		
12:30 – 12:50		Mayte Martin-Aragoneses, Andrea Helo, Valentina Pérez, Ernesto Guerra & Carmen Julia Coloma		Real-Time Orthographic Competition in Spoken Word Recognition: Evidence from the Visual World Paradigm	
12:50 – 14:40		Lunch & Poster Session			
Eye-Tracking Corpora and Reading					
14:40 – 15:00		Denis Drieghe & Manuel Perea		Examining the Effects of Frequency, Contextual Diversity, and Semantic Diversity on Eye Movements during Reading in the MECO Corpus	
15:00 – 15:20		Erica dos Santos Rodrigues, Joao Vieira, Sidney Evaldo Leal & Elisangela Nogueira Teixeira		The RASTROS Corpus: A Brazilian Portuguese Eye Movement Resource with Predictability Norms	
15:20 – 15:40		Renan C. Ferreira & Victor Kuperman		Reading Brazilian Portuguese Across Genres: Insights from a Passage-reading Eye-movement Corpus	
15:40 – 16:00		Coffee break			
Advances in Eye-Tracking Methods					
16:00 – 16:20		Diederick C. Niehorster, Marcus Nyström, Roy S. Hessels, Jeroen S. Benjamins, Richard Andersson & Ignace T. C. Hooge		Operationalization and Calculation of Eye-tracking Data Quality Measures	
16:20 – 16:40		Nina Gehrer & Andrew Duchowski		Polygonizing Body Pose Estimation for Automatic Attentive Evaluation of Body Dissatisfaction	
16:40 – 17:00		Bernhard Angele, Zeynep Gunes Ozkan, Marina Serrano-Carot & Jon Andoni Duñabeitia		How Can We Expand the Use of Eye-Tracking to Study Reading?	
17:10 – 18:10		Keynote Cognitive Engagement During Reading Johanna Kaakinen			

Time	Friday, December 12 – Casa Central PUCV Venue, Valparaíso
18:10 – 18:20	<i>Break</i>
18:20 – 19:10	Open Meeting: Future Steps
19:10 – 19:30	Farewell remarks