



Greater Bay PERL
(Platform for Experimental Research in Language)
(Third Meeting)

5 June 2026 (Fri)

The Hong Kong Polytechnic University

Programme

Conference Timetable	
09:00 – 09:30	Registration (UG05)
09:30 – 09:45	Opening remarks (UG05)
09:45 – 10:45	Keynote speech (UG05, Chair: Prof. Andriy Myachykov) Studying language and communication in the era of AI: challenges and opportunities Prof. Ping Li Chair Professor of Psychology and Cognitive Science, and Dean of the School of Humanities and Social Science at The Hong Kong University of Science and Technology (HKUST)
10:45 – 11:15	Morning tea break
11:15 – 12:35	Parallel Session 1 (UG04&UG05)
12:35 – 14:10	Lunch break
14:10 – 15:30	Parallel Session 2 (UG04&UG05)
15:30 – 16:00	Afternoon tea break
16:00 – 17:00	Parallel Session 3 (UG04&UG05)
17:00 – 18:00	Poster session (Multi-purpose Function Room (HHBMM102))

Oral Presentation

Time	Venue	Session Topic	Panel Chair	Abstract No.	Presenter	Affiliation	Title of paper
11:15 – 12:35	UG04	Session 1 Second Language Acquisition & Multilingualism	Prof. Sihui Ke Department of Language Science and Technology, The Hong Kong Polytechnic University	30	Brian Rusk	University of Macau	Not all comprehension is equal: Cue reliance during comprehension predicts production of English plural marking in L1-Chinese learners
				49	Jingyu ZANG	Yantai University	The Influence of Emotion-Laden Noun Valence on Chinese EFL learners' Processing of Denominal Verb Constructions Based on Eye-tracking Evidences
				53	Deng Qiqi	Guangxi University	Category Assimilation of Mandarin /ɹ/-/l/ by Lao Learners
				61	Jie Wang	The Education University of Hong Kong	Name agreement in picture naming: Does it have a cross-language effect in multilingual speakers?
11:15 – 12:35	UG05	Session 1 Neurobiology of Language Learning and Processing	Prof. Andriy Myachykov Center for Cognitive and Brain Sciences, University of Macau	9	Ruisi Wang	University of Macau	Active Bilingual Immersion may Lead to Active Brain Cleansing: Multimodal Evidence for L2 Engagement Optimizing Glymphatic Function
				34	Yixiang Liu	The Chinese University of Hong Kong	Bilateral Neural Efficiency in Lexical Tone Learning: Evidence from sEEG
				47	Zhaoqian Yue	Beijing Normal University	Oscillatory neurobiomarkers for syntactic encoding during sentence planning
				68	Huan REN	The Hong Kong Polytechnic University	White matter microstructure is associated with language abilities in 4-year-old Cantonese-speaking children
14:10 – 15:30	UG04	Session 2 Speech Processing & Language Development	Prof. Luyao Chen Department of Language Science and Technology, The Hong Kong Polytechnic University	19	Wenxi Fei	The Hong Kong Polytechnic University	Temporal Dynamics of Contextual Influence on Prosodic Interpretation
				29	Guang Yang	Beijing Normal University	EFFECTS OF TRANSCRANIAL PHOTOBIO-MODULATION OVER THE LEFT INFERIOR FRONTAL GYRUS ON ENHANCING MANDARIN L1 AND L2 SPEECH PRODUCTION AND L2-LEARNER MODULATING FACTORS
				37	Nikolay Novitskiy	The Chinese University of Hong Kong	The progress in language delay prediction with speech ABR: larger samples, better models, robust estimates.
				67	Lu Li	The Hong Kong Polytechnic University	Sleep in Relation to Preschoolers' Narrative Comprehension: The Interaction Effect and Mediating Role of Verbal Working Memory
14:10 – 15:30	UG05	Session 2 Reading & Orthographic Processing	Prof. Caicai Zhang Department of Language Science and Technology, The Hong Kong Polytechnic University	2	Jinglei Ren	Yale University	Audiovisual Integration in Reading Among School-Aged Children: Evidence from Combined fMRI and EEG
				5	Yuqi HAO	University of Macau	Comparing the Perceptual Span in Native and Second Language Readers of Japanese: Evidence from Eye Movements
				38	Yushu Wu	City University of Hong Kong	Reverse wrap-up effects by reading scenario, boundary salience, and word position: Novel evidence from eye movements in natural Chinese reading
				56	Eric Pelzl	The Hong Kong Polytechnic University	High Variability Orthographic Training: Investigating the effects of using multiple typefaces while learning Chinese characters
16:00 – 17:00	UG04	Session 3 Language Technology & Resources	Prof. Xin Sun Department of Language Science and Technology, The Hong Kong Polytechnic University	22	Li Lu	City University of Hong Kong	Validating Static and Contextualized Word Embeddings as Tools for Studying Emotion Semantics Across Cultures
				40	Zhengyuan Liu	University of Macau	Praasper: Automatic Speech Annotation for Psycholinguistic Research
				45	Lavinia Salicchi	The Hong Kong Polytechnic University	NusaMind-LM: A dataset of ERPs and LLM Features for Standard Indonesian
16:00 – 17:00	UG05	Session 3 Cognitive factors in Second-Language Learning	Dr. Nikolay Novitskiy Department of Linguistics and Modern Languages, The Chinese University of Hong Kong	7	Ren Li	Guangdong University of Foreign Studies	The constraints of working memory on the ambiguity resolution in L2 garden-path sentence processing: Co-registered Eye-Tracking and EEG evidence
				46	Mariia Neliubina	University of Macau	Linguistic Distance and Cognitive Flexibility in Multilinguals
				60	Nicole Chau	The University of Hong Kong	Music-to-Language Transfer in Native Cantonese-Speaking ESL Learners: Cognitive and Motoric Advantages in L2 Rhythm Without Perceptual Refinement

Poster Presentation
17:00 – 18:00, Multi-purpose Function Room (HHBMM102, 1/F, Hung Hom Bay Campus)

Abstract No.	Presenter	Affiliation	Title of paper
3	Ruixue Wu	Taiyuan University of Technology	Classifier congruency effects in Spanish–Chinese noun phrase production: behavioral and electrophysiological evidence
4	Xiaotong Liang	The Education University of Hong Kong	The Influence of Morpheme Frequency on Morpheme Processing During Chinese Sentence Reading
6	Hao GONG	The Chinese University of Hong Kong	Flexibility of Letter-Position Coding and Morphological Processing in Chinese-English L2 Bilinguals: An Eye-Tracking Study
8	Jai Dellosa Ariza	The Chinese University of Hong Kong	Examining Predictors of English Vocabulary Knowledge in L2 Learners Using an Online Assessment Platform
10	Dixiao TAN	University of Macau	Parafoveal Activation of Chinese Translations by Native Vietnamese Readers During Vietnamese Sentence Reading
12	Ying Tung Cheryl Chan	City University of Hong Kong	The Illusion of Neutrality: A Multi-dimensional Engagement Analysis of Recontextualization in Cancel Culture Discourse
13	Jiaxin Lai	Jinan University	A Study of Types and Antitypes of “xbushi” Counterfactual Constructions: A Hierarchical Configural Frequency Analysis Based on BCC Corpus
14	Jing Zhong	University of Macau	Building a Multimodal Matrix for Cantonese Linguistic Research: From Picture Norms to Lifespan Corpora.
15	Huitian Chen	University of Macau	Using Text Embedding Model to Quantify Strategies in Multilingual Semantic Fluency: Evidence from Young and Older Adults
16	Jiafu Song	University of Science and Technology of China	The oppositional difference in nasal codas in high and low vowel finals in mandarin—an analysis and attribution
20	Zimeng Zhang	Nanyang Technological University	A Corpus-Based Analysis of Cantonese-English Code-Switching Density in Narrative Discourse
23	Menglin Li	University of Macau	Aphasia Research at the Intersection of Experimental Linguistics and Neurolinguistics: A Bibliometric Analysis
24	Yike WANG	City University of Hong Kong	Neural correlates of narrative comprehension and mathematical problem solving
25	Zhengwu Ma	City University of Hong Kong	Non-literal Meaning Representation in the Brain during Naturalistic Listening
26	Chengcheng Wang	City University of Hong Kong	Model-brain alignment of video, audio, and text representations in fMRI and MEG
27	Yuhan Huang	City University of Hong Kong	Neural Encoding of Syntactic Movement in English but Not Chinese
32	Runqing Cheng	The University of Hong Kong	Beyond L1 Bias: Language Experience and Dynamic F0 Cue Weighting in Non-Native Tone Perception
33	Jiaqing Zu	The University of Hong Kong	Do Face Masks Affect Cantonese Tone Discrimination?
35	Yilun Ding	The University of Hong Kong	Effects of Background Music Lyrics on First- and Second-Language Reading Comprehension
36	Wenxuan Yan	The Hong Kong Polytechnic University	Analysis of the Aspectual Marker tau42tshi42 in Southwestern Mandarin—with the WenetSpeech-Chuan Corpus
39	Yihan He	University of Macau	Language Context Modulates Semantic Activation: Evidence from Definition–Target Judgments in Chinese–English Bilinguals
41	Ziyang Meng	The Chinese University of Hong Kong	Assessing Morphosyntactic Development in Mandarin-Speaking Autistic Children: Combining Parent-Report and Naturalistic Language Sampling
50	Yu Hua	The Education University of Hong Kong	Perception-Production Asymmetry in Cantonese Learners' Mandarin Neutral Tone
51	Dongzheng WU	City University of Hong Kong	Emotional Arousal Selectively Modulates Context Use in Natural Reading
54	Cen Ruiying	Guangxi University	/ɿ/-ɿ/ Categorization in Jingxi Zhuang-Mandarin Bilinguals: Structural Convergence in Language Contact
55	Mengjie Xu	Jinan University	The effects of context on presupposition processing: Evidence from Chinese modal adverb “you”
58	Nan Wu	City University of Hong Kong	Child–AI Synchronization in Naturalistic Conversation
59	Yufeng WU	City University of Hong Kong	A Reproducible Multi-Architecture Baseline for Token-Level Chinese Metaphor Identification under the MIPVU Framework
62	Letu LI	City University of Hong Kong	Dialogue between Minds and Machines: The Neurocognitive Impacts of AI Chatbot Linguistic Interaction
63	Yu TIAN	City University of Hong Kong	A Comparative Study of Mandarin-English and Cantonese-English Code-switching
65	Wu Jiasheng	Nanjing University	Syntactic Position and Functional Differentiation: Pre-verbal and Post-verbal Xian (先) in Mandarin Chinese
69	Zhengqin Liu	The Hong Kong Polytechnic University	Grammatical Production of Event Structure Predicts Narrative Comprehension: Preliminary Evidence from Naturalistic Speech in Cantonese-Speaking Preschoolers

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- Thank you for coming and see you all at next PERL! -