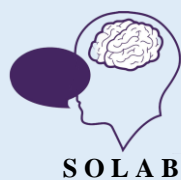


Organized by
Institute for Science of Language and the Brain



in collaboration with

Linguistic Society of Iran, Allameh Tabataba'i University's Linguistics Department, Allameh Tabataba'i University's Cognitive Lab, Tarbiat Modares University, Shiraz University



PROGRAM BOOKLET

for

The First International Conference on

Science of Language and the Brain

3-5 May 2023 (Virtual)

Registration Form



You are invited to participate in this conference by registering through <https://b2n.ir/y85818> (scan the QR code for more instructions). Registration will be for free, but the capacity is limited. The attendance link will be shared after completing the registration process.

The selected abstracts will be published in a special edition of the journal of **Advances in Cognitive Sciences**.

Disclaimer: only the name of the presenter is specified in the booklet timetable. The full list of authors will end up in the published book of abstracts.

For more information on the academic collaborators, scientific committee, panel chairs, application mini-workshops, etc., please refer to the panel-specific posters and/or the event website at: <https://solab.ir/conference.html>. You can direct your inquiries regarding the conference to: conference@solab.ir

The First International Conference on Science of Language and the Brain



3 May 2023

(Virtual)
Morning (IRST)
Theme of the Day: Fundamental Concepts

Event Program

Panel of Fundamentals of Cognitive Linguistics

Executive Manager: Zahra Jahanbani

11:00 AM Introduction	Opening Dr. Molood S. Safavi, Institute for Science of Language & the Brain (SOLAB), Iran and ANT Neuro, Germany
11:05 AM Introduction	Panel Introductory Notes Dr. Sahar Bahrami-Khorshid, Tarbiat Modares University, Iran
11:10 AM Key-Note Talk	Scientific Commitments in Linguistics: Cognitive, Cultural, and Biological Prof. Dr. Arie Verhagen, Leiden University, Societas Linguistica Europaea, Netherlands
11:55 AM Invited Talk	Conceptual Metaphor: Theoretical Challenges Dr. Azita Afrashi, Faculty of Encyclopedia Compiling, The Institute for Humanities & Cultural Studies, Linguistic Society of Iran, Iran
12:30 PM	Break
12:45 PM Oral Presentation 1	Hopelessness and Hopefulness Rate in Iranian Society Over the Last Fifty Years; a Cognitive View Dr. Mehrdad Meshkinfam, Bu-Ali Sina University, Iran
13:05 PM Oral Presentation 2	Proposing a Computational Measure for Lexical Variation and a Sequence for Continuity in Color Terms Fatemeh Mohammadi Abiz, Tarbiat Modares University, Iran
13:25 PM Virtual Poster 1	Raised Brows in Relative Clause Constructions in Iranian Sign Language, a Cognitive Grammar Analysis Dr. Sara Siyavoshi, Islamic Azad University Fereshtegaan International Branch, Iran
13:32 PM Virtual Poster 2	Conceptual Metaphor, Metonymy and Conventional Knowledge in Lexicography and Paremeology Dr. Parivash Aelaeian, Islamic Azad University North Tehran Branch & Science and Culture University, Iran
13:39 PM Virtual Poster 3	A Semantic Account of the Persian /bæræje/ Preposition Based on a Cognitive Linguistics Framework Dr. Rouzbehan Yazdani Moghaddam, Tarbiat Modares University, Iran
13:46 PM Virtual Poster 4	Figurative conceptualization of boredom in Persian Dr. Masoumeh Diyanati, University of Isfahan, Iran
13:52 PM Virtual Poster 5	Cognitive Semiotics in Animation Film: The Fantastic Flying Books of Mr. Morris Lessmore Raheleh Nemati, Shiraz University, Iran
14:00 PM Mini-Workshop	Introduction to Experimental Research in Cognitive Linguistics Dr. Ramin Golshaie, Alzahra University, Iran

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The First International Conference on Science of Language and the Brain



3 May 2023

(Virtual)
Afternoon (IRST)
Theme of the Day: Fundamental Concepts

Event Program

**Panel of
Biolinguistics**

Executive Manager: Mostafa Barzegar

16:00 PM Introduction	Panel Introductory Notes Talk: Beyond Biolinguistics: an Interactional Theory of Language Prof. Dr. Mohammad Dabir-Moghaddam, Allameh Tabataba'i University, Iran
16:35 PM Key-Note Talk	Categories, Features, and Interactions within Levels Prof. Dr. Juan Uriagereka, University of Maryland, United States of America
17:20 PM Invited Talk	Mixing it up: Computation in Dynamical Systems Dr. Diego Gabriel Krivochen, University of Oxford, England
17:55 PM	Break
18:10 PM Oral Presentation 1	On the Structural Analogies between Phonemes and Nucleotides Prof. Dr. Suren Zolyan, Institute of Scientific Information on Social Sciences of the Russian Academy of Sciences, Russia; Immanuel Kant Baltic Federal University, Russia & Armenian-Russian University, Armenia
18:30 PM Oral Presentation 2	General and Special Merge Mostafa Barzegar, Allameh Tabataba'i University, Iran
18:50 PM Mini-Workshop	Scaffolding of Thought: Turing's Most Important Lesson Prof. Dr. James Douglas Saddy, University of Reading, England

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The First International Conference on Science of Language and the Brain



4 May 2023

(Virtual)
Morning (IRST)
Theme of the Day: Experimental Approaches

Event Program

Panel of Psycholinguistics

Executive Manager: Marzieh Samimifar

11:00AM Introduction	Panel Introductory Notes Dr. Ramin Golshaie, Alzahra University, Iran
11:05 AM Key-Note Talk	Context Effects in Language Comprehension Prof. Dr. Pia Knoeferle, Humboldt University of Berlin; Berlin Center for Neuroscience, and Berlin School of Mind and Brain, Germany
11:50 AM Invited Talk	Persian Syntax and Constituency: Insights from Processing Approach to Grammar and Psycholinguistics Dr. Majid Alaei, Bu-Ali Sina University, Iran
12:25 PM Oral Presentation 1	Rhythmic Priming of Syntactic Processing in Jabberwocky Dávid György, University of Geneva, Switzerland
12:45 PM	Break
13:00 PM Oral Presentation 2	Development and Validation of a Questionnaire for Assessing Knowledge, Attitude, and Practices Regarding to Communication, Language, Speech and Swallowing in 3 to 5 Years Old Children Shadi Bakhtiar, University of Social Welfare and Rehabilitation Sciences, Iran
13:20 PM Virtual Poster 1	Crosslinguistic Acoustic Similarity and Prediction of Second Language Vowel Classification Dr. Georgios Georgiou, University of Nicosia, Cyprus
13:27 PM Virtual Poster 2	The Impact of Words' Regularity on Recognizing the Homophonic Words: Evidence from Gilak-Fars Children Shadi Keshavarz Shokr, Guilan University, Iran
13:35 PM Mini-Workshop	Introduction to Eye-tracking in Studies of Cognitive Science: Bridging Neurolinguistics and Cognitive Linguistics Dr. Anahita Khorrami, Brain and Cognition Clinic and YOUTOP Clinic, Iran
14:35 -14: 55 PM	Workshop Industry extension Short Introduction to Eye Tracking and sample Project Review of Reading Visual Behavior Asghar Ranjbar and Ali Mahdipour from Daj scientific group

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Science of Language and the Brain

4 May 2023

(Virtual)
Afternoon (IRST)
Theme of the Day: Experimental Approaches

Event Program

Panel of Neurolinguistics

Executive Manager: Nayereh Joodi

16:00 PM Introduction	Panel Introductory Notes Dr. Molood S. Safavi, Institute for Science of Language & the Brain (SOLAB), Iran and ANT Neuro, Germany
16:05 PM Key-Note Talk	How the Brain Finds Meaning in Time Prof. Dr. Kara D. Federmeier, University of Illinois Urbana-Champaign and Beckman Institute for Advanced Technologies, United States of America
16:50 PM Invited Talk	Resolving the Neural Basis of Affective Sound-Meaning Associations Dr. Arash Aryani, Free University of Berlin, Germany
17:25 PM Oral Presentation 1	What Do Event-Related Potentials Reveal about Processing Grammatical Aspect in Bosnian/Croatian/Serbian? - A Comparison with English Aspect Dr. Nermina Cordalija, University of Sarajevo, Bosnia
17:45 PM	Break
18:00 PM Oral Presentation 2	Brain Scanning and Cognitive Language Assessment: An EEG Analysis of Vocabulary Test Prof. Dr. Zari Saeedi & Mahdi Rezaei, Allameh Tabataba'i University, Iran
18:20 PM Virtual Poster 1	Bilingual child brain at work Dr. Sumra Arshad, University of Göttingen, Germany
18:27 PM Virtual Poster 2	A Survey of the Impact of Play's Theme on Audiences' Attitude Based on NLP Communication Model: A Case Study of Samuel Becket's "Waiting for Godot" Dr. Seyed Farid Khalifelo, University of Sistan and Baluchestan, Iran
18:35 PM Mini-Workshop	Introduction to Applications and Experimental Paradigms of EEG in Language Research Dr. Narges Radman, Institute for Research in Fundamental Sciences, Tehran University of Medical Sciences, Iran

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The First International Conference on Science of Language and the Brain



5 May 2023

(Virtual)
Morning (IRST)
Theme of the Day: Tailored Applications

Event Program

Panel of Multilingualism & Learning

Executive Manager: Parisa Osfoori

11:00AM Introduction	Panel Introductory Notes Dr. Mohammad Momenian, The Hong Kong Polytechnic University, Hong Kong
11:05 AM Key-Note Talk	Neural Bases of Language Learning and Multilingualism Prof. Dr. Narly Golestani, the University of Geneva and the University of Vienna, Austria
11:50 AM Invited Talk	A Processing Model of Bilingual (Switched) Compound Verbs Dr. Mehdi Purmohammad, Shahid Beheshti University, Iran
12:25 PM Oral Presentation 1	Balanced Bilingualism A Cognitive Advantage in Emotion Words Processing Dr. Yaghoub Nazaralian, Islamic Azad University of Sari-Mazandaran, Iran
12:45 PM	Break
13:00 PM Oral Presentation 2	Overview of the ATU Cognitive Lab Prof. Dr. Kambiz Banihashemi, Allameh Tabataba'i University, Iran
13:20 PM Virtual Poster 1	Is Academic Integrity Bound to the English Language in Bilingual Chinese University Students? Dr. Adam John Privitera, Centre for Research and Development in Learning, Nanyang Technological University, Singapore
13:27 PM Virtual Poster 2	The Analysis of Non-Persian Speakers' Errors in Using Simple Prepositions in Written Persian Texts: A Cognitive Approach Dr. Arezoo Najafian, Masoomeh Haghi, Payame Noor University, Iran
13:35 PM Mini-Workshop	An Overview of the Principles of Experimental Design in fMRI Research Majid Abbasi Sisara, University of Southern California, United States of America

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The First International Conference on Science of Language and the Brain



5 May 2023

(Virtual)
Afternoon (IRST)
Theme of the Day: Tailored Applications

Event Program

Panel of Clinical Linguistics & Language Pathology

Executive Managers: Nayereh Joodi & Parisa Osfoori

16:00 PM Introduction	Panel Introductory Notes Dr. Mehdi Bakhtiar, The University of Hong Kong, Hong Kong
16:05 PM Key-Note Talk	Language Testing in Brain Tumor Patients: What, How, and When? Prof. Dr. Roelien Bastiaanse, University of Groningen, Netherlands
16:50 PM Invited Talk	Causal and Clinical Evidence Support Motor-Language Coupling in Neurotypical Adults and Individuals with Parkinson's Disease Dr. Karim Johari, Louisiana State University, United States of America
17:25 PM Oral Presentation 1	The Comparison of Subject-Verb Agreement Processing in Normal and Dyslexic Persian Speaking Children Dr. Shima Nabifar, Alzahra University, Iran
17:45 PM	Break
18:00 PM Oral Presentation 2	Qualities of Persian Vowel and Stop Consonants in Blind and Sighted Students Dr. Tahereh Mahmoodi Ahmad Abadi, Qom University of Medical Sciences and Health services, Iran
18:20 PM Mini-Workshop	Merits and Limitations of Neurostimulation Techniques in Language Research Dr. Zahra Sadat Ghoreishi, University of Social Welfare and Rehabilitation Sciences, Iran
19:20 PM Closing	Conference Concluding Notes Dr. Molood S. Safavi, Institute for Science of Language & the Brain (SOLAB), Iran and ANT Neuro, Germany

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