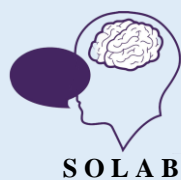


**Organized by**  
*Institute for Science of Language and the Brain*



**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.**

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](mailto: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	<b>Opening</b> Dr. Molood S. Safavi, Institute for Science of Language & the Brain (SOLAB), Iran and ANT Neuro, Germany
11:05 AM Introduction	<b>Panel Introductory Notes</b> Dr. Sahar Bahrami-Khorshid, Tarbiat Modares University, Iran
11:10 AM Key-Note Talk	<b>Scientific Commitments in Linguistics: Cognitive, Cultural, and Biological</b> Prof. Dr. Arie Verhagen, Leiden University, Societas Linguistica Europaea, Netherlands
11:55 AM Invited Talk	<b>Conceptual Metaphor: Theoretical Challenges</b> Dr. Azita Afrashi, Faculty of Encyclopedia Compiling, The Institute for Humanities & Cultural Studies, Linguistic Society of Iran, Iran
12:30 PM	<b>Break</b>
12:45 PM Oral Presentation 1	<b>Hopelessness and Hopefulness Rate in Iranian Society Over the Last Fifty Years; a Cognitive View</b> Dr. Mehrdad Meshkinfam, Bu-Ali Sina University, Iran
13:05 PM Oral Presentation 2	<b>Proposing a Computational Measure for Lexical Variation and a Sequence for Continuity in Color Terms</b> Fatemeh Mohammadi Abiz, Tarbiat Modares University, Iran
13:25 PM Virtual Poster 1	<b>Raised Brows in Relative Clause Constructions in Iranian Sign Language, a Cognitive Grammar Analysis</b> Dr. Sara Siyavoshi, Islamic Azad University Fereshtegaan International Branch, Iran
13:32 PM Virtual Poster 2	<b>Conceptual Metaphor, Metonymy and Conventional Knowledge in Lexicography and Paremeology</b> Dr. Parivash Aelaeian, Islamic Azad University North Tehran Branch & Science and Culture University, Iran
13:39 PM Virtual Poster 3	<b>A Semantic Account of the Persian /bæræje/ Preposition Based on a Cognitive Linguistics Framework</b> Dr. Rouzbehan Yazdani Moghaddam, Tarbiat Modares University, Iran
13:46 PM Virtual Poster 4	<b>Figurative conceptualization of boredom in Persian</b> Dr. Masoumeh Diyanati, University of Isfahan, Iran
13:52 PM Virtual Poster 5	<b>Cognitive Semiotics in Animation Film: The Fantastic Flying Books of Mr. Morris Lessmore</b> Raheleh Nemati, Shiraz University, Iran
14:00 PM Mini-Workshop	<b>Introduction to Experimental Research in Cognitive Linguistics</b> 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	<b>Panel Introductory Notes</b> <b>Talk: Beyond Biolinguistics: an Interactional Theory of Language</b>  Prof. Dr. Mohammad Dabir-Moghaddam, Allameh Tabataba'i University, Iran
16:35 PM Key-Note Talk	<b>Categories, Features, and Interactions within Levels</b>  Prof. Dr. Juan Uriagereka, University of Maryland, United States of America
17:20 PM Invited Talk	<b>Mixing it up: Computation in Dynamical Systems</b>  Dr. Diego Gabriel Krivochen, University of Oxford, England
17:55 PM	<b>Break</b>
18:10 PM Oral Presentation 1	<b>On the Structural Analogies between Phonemes and Nucleotides</b>  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	<b>General and Special Merge</b>  Mostafa Barzegar, Allameh Tabataba'i University, Iran
18:50 PM Mini-Workshop	<b>Scaffolding of Thought: Turing's Most Important Lesson</b>  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	<b>Panel Introductory Notes</b>  Dr. Ramin Golshaie, Alzahra University, Iran
11:05 AM Key-Note Talk	<b>Context Effects in Language Comprehension</b>  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	<b>Persian Syntax and Constituency: Insights from Processing Approach to Grammar and Psycholinguistics</b>  Dr. Majid Alaei, Bu-Ali Sina University, Iran
12:25 PM Oral Presentation 1	<b>Rhythmic Priming of Syntactic Processing in Jabberwocky</b>  Dávid György, University of Geneva, Switzerland
12:45 PM	<b>Break</b>
13:00 PM Oral Presentation 2	<b>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</b>  Shadi Bakhtiar, University of Social Welfare and Rehabilitation Sciences, Iran
13:20 PM Virtual Poster 1	<b>Crosslinguistic Acoustic Similarity and Prediction of Second Language Vowel Classification</b>  Dr. Georgios Georgiou, University of Nicosia, Cyprus
13:27 PM Virtual Poster 2	<b>The Impact of Words' Regularity on Recognizing the Homophonic Words: Evidence from Gilak-Fars Children</b>  Shadi Keshavarz Shokr, Guilan University, Iran
13:35 PM Mini-Workshop	<b>Introduction to Eye-tracking in Studies of Cognitive Science: Bridging Neurolinguistics and Cognitive Linguistics</b>  Dr. Anahita Khorrami, Brain and Cognition Clinic and YOUTOP Clinic, Iran

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# The First International Conference on 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	<b>Panel Introductory Notes</b>  Dr. Molood S. Safavi, Institute for Science of Language & the Brain (SOLAB), Iran and ANT Neuro, Germany
16:05 PM Key-Note Talk	<b>How the Brain Finds Meaning in Time</b>  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	<b>Resolving the Neural Basis of Affective Sound-Meaning Associations</b>  Dr. Arash Aryani, Free University of Berlin, Germany
17:25 PM Oral Presentation 1	<b>What Do Event-Related Potentials Reveal about Processing Grammatical Aspect in Bosnian/Croatian/Serbian? - A Comparison with English Aspect</b>  Dr. Nermina Cordalija, University of Sarajevo, Bosnia
17:45 PM	<b>Break</b>
18:00 PM Oral Presentation 2	<b>Brain Scanning and Cognitive Language Assessment: An EEG Analysis of Vocabulary Test</b>  Mahdi Rezaei, Allameh Tabataba'i University, Iran
18:20 PM Virtual Poster 1	<b>Bilingual child brain at work</b>  Sumra Arshad, University of Göttingen, Germany
18:27 PM Virtual Poster 2	<b>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"</b>  Dr. Seyed Farid Khalifelo, University of Sistan and Baluchestan, Iran
18:35 PM Mini-Workshop	<b>Introduction to Applications and Experimental Paradigms of EEG in Language Research</b>  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	<b>Panel Introductory Notes</b>  Dr. Mohammad Momenian, The Hong Kong Polytechnic University, Hong Kong
11:05 AM Key-Note Talk	<b>Neural Bases of Language Learning and Multilingualism</b>  Prof. Dr. Narly Golestani, the University of Geneva and the University of Vienna, Austria
11:50 AM Invited Talk	<b>A Processing Model of Bilingual (Switched) Compound Verbs</b>  Dr. Mehdi Purmohammad, Shahid Beheshti University, Iran
12:25 PM Oral Presentation 1	<b>Balanced Bilingualism A Cognitive Advantage in Emotion Words Processing</b>  Dr. Yaghoub Nazaralian, Islamic Azad University of Sari-Mazandaran, Iran
12:45 PM	<b>Break</b>
13:00 PM Oral Presentation 2	<b>Language Impairment and Recovery Pattern in a Bilingual Azerbaijani-Persian Aphasic with Subcortical Brain Lesion</b>  Dr. Taqi Hajiloo, Farhangian University, Iran
13:20 PM Virtual Poster 1	<b>Is Academic Integrity Bound to the English Language in Bilingual Chinese University Students?</b>  Dr. Adam John Privitera, Centre for Research and Development in Learning, Nanyang Technological University, Singapore
13:27 PM Virtual Poster 2	<b>The Analysis of Non-Persian Speakers' Errors in Using Simple Prepositions in Written Persian Texts: A Cognitive Approach</b>  Dr. Arezoo Najafian, Payame Noor University, Iran
13:35 PM Mini-Workshop	<b>An Overview of the Principles of Experimental Design in fMRI Research</b>  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: Nayerreh Joodi & Parisa Osfoori

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

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