Special Issue

Modern Advances in Neurolinguistics and EEG Language Processing

Message from the Guest Editors

This special issue aims to provide the academic community with a forum to present and discuss the latest theoretical and applied research related to recent advances in neurolinguistics. We invite original papers covering new physical and mathematical methods, innovative approaches, cutting-edge technologies, and important new techniques that could lead to significant advances in the analysis of neuroimaging data related to linguistic tasks. In particular, topics of interest, but are not limited to, the following issues:

- Neuroimaging methods in linguistics
- Neurolinguistic modalities
- Neural mechanisms associated with linguistic tasks
- Novel algorithms of language-related data processing
- Language neuroanatomy
- Experimental paradigms in neurolinguistics
- Brain connectivity when solving linguistic problems
- Learning foreign languages and bilingualism
- Language disorders (aphasia, dyslexia, stuttering, etc.)
- Lexical semantics
- Sentence comprehension
- Neurolinguistic programming
- Neuropsychology
- Psycholinguistics

Guest Editors

Prof. Dr. Alexander N. Pisarchik

Center for Biomedical Technology, Technical University of Madrid, Campus Montegancedo, Pozuelo de Alarcón, 28223 Madrid, Spain

Prof. Dr. Alexander E. Hramov

1. Baltic Center for Artificial Intelligence and Neurotechnology, Immanuel Kant Baltic Federal University, Kaliningrad 236041, Russia
2. Neurosciences Research Institute of Samara State Medical University, Samara 443079, Russia
3. Neuroscience and Cognitive Technology Laboratory, Innopolis University, Kazan 420500, Russia

Deadline for manuscript submissions

closed (31 December 2023)

Applied Sciences

mdpi.com/journal/
applsci

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:
JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

MDPI