Special Issue

Computational Linguistics and Artificial Intelligence

Message from the Guest Editors

Computational linguistics (CL) has an important role to play in Artificial Intelligence (AI). AI refers to what information about the structure of human language is being transmitted to the machine. Robust processing and learning systems articulate logical and context-sensitive relationships to generate meaning to language. Computational linguistics, to overcome architectural limitations, must deal with an overlap between the logical sequence of the algorithm and the stimuli of the environment to imitate the dynamics of human language. This is the key to system learning principles to be more intuitive, dispelling black box IA. The broad and dynamic spectrum of scientific fields such as computer science, linguistics, psychology, philosophy, and mathematics, among others, makes this special edition a reference containing important results for various classes and tasks of the linguistic process. It is expected that graduate students and researchers, in their respective areas, will address solutions to overcoming the complexity of the language existing in the intersection between humans and machines.

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Deadline for manuscript submissions

20 November 2025

Sci

an Open Access Journal by MDPI

CiteScore 4.5

mdpi.com/journal/sci

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