

Special Issue

Natural Language Argumentation: Semantics, Pragmatics and Inference

Message from the Guest Editor

The aim of this Special Issue is to foster collaboration and knowledge sharing among the machine learning, NLP, linguistics, psychology, AI and human-computer interaction communities, enabling complementary expertise to come together and push the boundaries of this prominent yet challenging area of natural language processing. Topics relevant to the proposed Special Issue include, but are not limited to, the following:

- The extraction, identification, generation and categorization of natural language arguments.
- Formal models and representations of argumentation and reasoning.
- The role of semantics, pragmatics, inference and implicature in argumentation.
- Argument summarization and argument structure tracing.
- Common sense reasoning in argumentation.
- The robustness, correctness and relevance of arguments.
- Fallacious reasoning.
- Large language models (LLMs) in argumentation.
- Cultural perspectives and computational modeling of arguments.
- Modeling human behavior in argumentation.
- Benchmarking and evaluating data and models.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2025)

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The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

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