

## Special Issue

# Techniques and Applications of Natural Language Processing

### Message from the Guest Editors

Recent developments in large language models have revolutionized the field of natural language processing, resulting in a wide range of applications such as chatbots, content generation, language translation, sentiment analysis, question-answering systems, and personalized recommendations. However, several problems such as scalability, hallucination, biases, privacy, ethical issues, fairness, the effective tokenization of low-resource languages, multilingual capabilities, and efficient fine-tuning techniques of models demand further attention. This Special Issue aims to address the aforementioned challenges by inviting scholarly contributions that advance processing techniques and applications in the field of NLP. We welcome original research articles, best practice papers, and review papers that report the development of NLP models, algorithms, and applications. For more information on the Special Issue, please visit LINK [https://www.mdpi.com/journal/applsci/special\\_issues/A5FOUZ6A61](https://www.mdpi.com/journal/applsci/special_issues/A5FOUZ6A61)

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### Deadline for manuscript submissions

closed (20 October 2025)



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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.

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### Editor-in-Chief

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