

## Special Issue

# Recent Trends in Natural Language Processing and Its Applications

### Message from the Guest Editors

This Special Issue focuses on recent trends in NLP and its applications. The aim is to gather researchers from various fields and backgrounds that use NLP methods to solve the most diverse problems. It is an opportunity to report on all their latest works, achievements, and bring new perspectives to the future directions of the NLP field. The topics of interest for this Special Issue include but are not limited to:

- Natural language understanding and generation
- Machine translation
- Question answering and dialogue systems
- Knowledge extraction and modelling
- Knowledge graph based approaches
- Text summarization and style transfer
- Text classification, topic extraction, and discourse analysis
- Echo chamber and polarization detection
- Sentiment analysis, emotion recognition, and stance detection
- Document analysis, information extraction, and text mining
- Behaviour modelling
- Multi- and cross- language approaches
- Transfer learning in NLP
- Text complexity
- Linguistic analysis of texts
- Topic modelling
- Fake news, misinformation, and disinformation detection

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2023)



## Applied Sciences

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## 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.

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### Editor-in-Chief

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