



Natural Language Processing (NLP) and Applications—2nd Edition

Guest Editors:

Prof. Dr. Guilin Qi

School of Computer Science and Engineering, Southeast University, Nanjing 211189, China

Prof. Dr. Tong Xu

Lab of Big Data Analysis and Application, University of Science and Technology of China, Hefei 230027, China

Dr. Meng Wang

School of Computer Science and Engineering, Southeast University, Nanjing 211189, China

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Message from the Guest Editors

Due to the success of the first edition of the Special Issue of *Applied Science*, entitled “Natural Language Processing (NLP) and Applications”, we have launched a second edition.

This Special Issue will showcase advances in NLP and its applications, including significant advances in sentiment analysis, machine translation, semantic understanding, and more. Large-scale pre-trained models such as BERT and GPT-3 have revolutionized NLP and provided a solid foundation for future advancement. The transformer design enhances cross-language and multi-modal intelligence. However, NLP still faces challenges such as unsupervised learning, model generalization, and linguistic diversity. Factors such as background, language and culture should be considered in real applications. This SI invites experts and scholars from around the world to share their latest research results and technological advances in order to provide more inspiration and ideas for the future development of NLP





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Editor-in-Chief

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

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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Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
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