

Special Issue

The Advanced Trends in Natural Language Processing

Message from the Guest Editors

In this field of research, we explore how computers can be useful in helping machines understand and interact with texts and speech in natural language. In recent years, the emergence of powerful large-scale language models (LLMs), such as OpenAI's GPT series, Google Gemini, and Meta Llama, led to significant advances in NLP research such as text classification, machine translation, information extraction, summarization, and question answering. However, there are a number of unresolved theoretical and technical problems in basic NLP and NLP applications that await further research. We invite you to participate in this Special Issue on "The Advanced Trends in Natural Language Processing". This Special Issue will collect contributions from researchers in various fields of natural language processing, presenting results from the frontline of research and discussing the advances achieved in the state of the art of fundamental NLP and NLP applications. We look forward to receiving your contributions.

Guest Editors

Dr. Minoru Sasaki

Department of Computer and Information Sciences, Faculty of Engineering, Ibaraki University, Hitachi 316-8511, Japan

Dr. Francisco García-Sánchez

Departamento de Informática y Sistemas, Facultad de Informática, Universidad de Murcia, Campus de Espinardo, Espinardo, 30100 Murcia, Spain

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editor-in-Chief

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

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