

## Special Issue

# Advancements and Challenges in NLP and Linguistic Text-Mining: Techniques, Applications, and Ethical Considerations

### Message from the Guest Editors

By combining fundamental research with practical applications, this issue aims to offer a comprehensive overview of current challenges, emerging techniques, and future directions in the fields of NLP and IR. The following is a list of the main topics covered by this Special Issue:

- Conversational AI and Dialogue Systems;
- Deep Learning and Transformer Models in NLP;
- Ethics, Bias, and Fairness in NLP;
- Information Extraction;
- Linguistic Text Mining;
- Multilingual and Cross-lingual NLP;
- Natural Language Understanding and Question Answering;
- NLP Applications in Specialized Domains;
- Pretrained Language Models and Transfer Learning;
- Text Classification and Sentiment Analysis;
- Text Mining in Information Retrieval;
- Topic Modeling and Document Clustering.

### Guest Editors

Dr. Alberto Postiglione

Dr. Francesco Orciuoli

Dr. Giuseppe Fenza

Dr. Mario Monteleone

### Deadline for manuscript submissions

closed (15 May 2025)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di  
Torino, 10129 Torino, Italy

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