Special Issue

AI Based Natural Language Processing: Emerging Approaches and Applications

Message from the Guest Editors

AI-based natural language processing (NLP) technologies, driven by advancements in deep learning and the rise of large language models, have seen broad applications in the real world, such as information extraction, information retrieval, machine translation, question answering, and conversational systems. These technologies are also extensively used in scientific fields, including scientific text understanding, biomedical information processing, and domain knowledge construction. However, many unresolved theoretical and technological challenges remain in this field, which require further investigation. This Special Issue aims to address these open challenges by inviting scholarly contributions that focus on emerging approaches and applications in NLP. We welcome original, unpublished research in all aspects of AI-based computational linguistics and natural language processing.

Guest Editors

Prof. Dr. William H. Hsu
Department of Computing and Information Sciences, Kansas State University, Manhattan, KS 66506, USA

Dr. Huichen Yang
CSIRO's Data61, Eveleigh, Sydney, NSW 2015, Australia

Deadline for manuscript submissions

31 May 2025

About the Journal

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

Editor-in-Chief

Prof. Dr. Gianluigi Ferrari
Department of Engineering and Architecture, University of Parma, Parco Area delle Scienze, 181/A, 43124 Parma, Italy

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, Inspec, and other databases.

Journal Rank:
JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q1 (Computer Networks and Communications)

MDPI