

Special Issue

Natural Language Processing and Information Retrieval

Message from the Guest Editors

In recent decades, techniques that integrate natural language processing (NLP) and information retrieval (IR) have achieved significant improvements in a wide spectrum of real-life applications, such as question-answering, summarization, neural text retrieval and understanding, and representation learning for information extraction. One of the keys to the success of these real-life applications is how NLP and IR integrate in seamless and appropriate ways. This Special Issue aims to gather works from researchers with broad expertise in NLP and IR that discuss their cutting-edge theories, models, methods, algorithms, applications, or perspectives on future directions. The topics of this Special Issue include but are not limited to:

- Question answering
- Information retrieval and text mining
- NLP and IR theories and applications
- Summarization
- Graph neural networks for NLP and IR
- Machine/deep learning for NLP and IR
- Machine translation and multilingualism
- Syntax: tagging, chunking, and parsing
- Semantics: lexical, sentence-level semantics, textual inference, and other areas
- Generation
- Dialogue and interactive systems
- Search and ranking

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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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