



## Advances in Information Retrieval and Natural Language Processing

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### Message from the Guest Editors

Dear Colleagues,

In recent decades, due to the rapid development of pre-trained model technology, information retrieval (IR) and natural language processing (NLP) have achieved significant improvements in wide areas, such as conversational systems, retrieval, ranking, knowledge acquisition, and representation learning for information extraction. The idea of pre-trained models with self-supervised language modeling is playing a more and more significant role.

This Special Issue is intended to collect emerging contributions in the area of IR and NLP with the discussion on advanced technology to integrate and improve each other in terms of theories, models, and applications. The topics of interest for this Special Issue include, but are not limited to:

- Queries and query analysis
- Web search
- Efficiency and scalability
- Document representation and content analysis
- Question answering
- Conversational systems
- Knowledge representation and reasoning
- Interpretability and Analysis of Models for NLP
- Sentence-level Semantics
- Textual Inference
- Other applications and domains





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## Message from the Editor-in-Chief

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