Special Issue

Natural Language Processing (NLP) and Information Retrieval (IR) in Internet of Things

Message from the Guest Editors

Natural Language Processing (NLP) and Information Retrieval (IR) have increasingly attracted advanced research. When combined with Internet-of-Thing (IoT) techniques, they have promise in real-life applications such as conversational personal assistants and IoT search engines. This Special Issue intends to provide academic and industrial communities with an excellent collection of research covering all aspects of current works on Natural Language Processing (NLP) and Information Retrieval (IR) that are applied in Internet of Things (IoT) or have great potential for application in IoT. Potential topics include but are not limited to the following:

- Syntactic, semantic, and context parsing and analysis for IoT;
- Machine-translation-related tasks;
- Question answering and chatbot development;
- Speech synthesis and recognition;
- Information retrieval in IoT;
- Ontology;
- Corpora development and evaluation;
- Natural language generation;
- Text and speech analysis;
- Multi-lingual/cross-lingual approaches;
- Text summarization for IoT.

Guest Editors

Dr. Wei Emma Zhang

Prof. Dr. Chenliang Li

Prof. Dr. Michael Sheng

Deadline for manuscript submissions

closed (15 June 2023)

Future Internet

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)