



AI for Text Understanding

Guest Editors:

Dr. Els Lefever

LT³ (Language and Translation Technology Team), Department of Translation, Interpreting and Communication, Ghent University, Ghent, Belgium

Prof. Dr. Veronique Hoste

LT³ (Language and Translation Technology Team), Department of Translation, Interpreting and Communication, Ghent University, Ghent, Belgium

Deadline for manuscript submissions:

closed (15 January 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue on “Artificial Intelligence for Text Understanding” aims to focus on the different aspects of AI involved when free unstructured text is automatically converted into structured data including, but not limited to, commonsense reasoning, automated reasoning and inference, ethical AI, heuristic search, knowledge representation, machine learning, and natural language processing.

For this Special Issue, we welcome papers describing state-of-the-art approaches for all of the different aspects of AI for text understanding, with a special focus on approaches addressing the aforementioned topics:

- Overview papers of the current state-of-the-art of NLP tasks;
- Explainable machine learning approaches;
- Approaches integrating linguistic information or commonsense reasoning into deep learning networks;
- Cross-lingual approaches for transfer of knowledge from well-resourced to low(er)-resourced languages, including code-mixing;
- Transfer approaches for domain-specific data and applications;
- Handling bias in AI methodologies.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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.

Author Benefits

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

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [CAPus / SciFinder](#), [Inspec](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](#)