

## Special Issue

# Advances in Computer-Aided Translation Technology

### Message from the Guest Editors

Translation technology has become an integral part of the life of a professional translator. Computer-aided translation (CAT) tools have evolved over the years from basic translation memory systems to full-fledged translation environment tools (TEnTs), offering a wide range of support to the professional translator. For this Special Issue we seek novel, original contributions across the entire spectrum of computer-aided translation technology, covering advances in the

- Matching and retrieval of segments in translation memories
- Integration of TM and MT suggestions
- Integration of client-specific terminology in neural MT
- Multilingual terminology extraction
- Quality estimation of MT and TM suggestions
- Translation quality assurance
- Automatic methods for translation memory cleaning and maintenance
- Productivity measurements
- Effort prediction and price estimation
- Methods for collaborative translation
- Post-editing guidelines and best practices
- Intelligent interface design
- User-adaptive systems
- Automatic speech recognition for dictating translations
- Integration with text authoring tools

---

### Guest Editors

Prof. Dr. Lieve Macken

Dr. Joke Daems

Dr. Arda Tezcan

---

### Deadline for manuscript submissions

closed (30 April 2019)



## Informatics

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.6



[mdpi.com/si/20033](https://mdpi.com/si/20033)

*Informatics*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[informatics@mdpi.com](mailto:informatics@mdpi.com)

[mdpi.com/journal/  
informatics](https://mdpi.com/journal/informatics)





# Informatics

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.6



[mdpi.com/journal/  
informatics](https://mdpi.com/journal/informatics)



## About the Journal

### Message from the Editor-in-Chief

*Informatics* (ISSN 2227-9709) is an international, peer-reviewed, open access journal, which publishes original theoretical and empirical work on the science of informatics and its application in multiple fields. Our concept of Informatics includes technologies of information and communication as well as the biological, social, linguistic and cultural changes that initiate, accompany and complicate their development. *Informatics* publishes regular research articles, reviews and short notes. There is no restriction on the length of papers, and we encourage researchers to publish their theoretical and empirical results in as much detail as possible. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. Antony Bryant  
Headingley Campus, Leeds Beckett University, Leeds LS6 3QS, UK

---

### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), dblp, and other databases.

#### Journal Rank:

JCR - Q2 (Computer Science, Interdisciplinary Applications) / CiteScore - Q1 (Communication)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 33 days after submission; acceptance to publication is undertaken in 5.7 days (median values for papers published in this journal in the first half of 2024).