Special Issue

The Future of Machine Translation: How NLP is Changing the Game

Message from the Guest Editor

This Special Issue on "The Future of Machine Translation: How NLP is Changing the Game" primally explores the various AI aspects involved in achieving seamless global communication and understanding. These aspects include, but are not limited to, multilingual models, real-time and lightweight models, contextual understanding, cultural and ethical considerations, sentiment analysis, and natural language processing (NLP).

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

- Privacy-preserving machine learning;
- Transfer learning, self-supervised learning for low-resource languages;
- Approaches integrating multi-cultural and multilingual information into machine learning networks;
- AI methodologies for bias detection or mitigation;
- Real-time and lightweight learning model for NLP;
- Adaptable speech recognition models for different accents and dialects;
- Approaches for emotion recognition and sentiment analysis.

Guest Editor

Dr. Hueying Liu

Department of Electrical Engineering, Fu Jen Catholic University, New Taipei City 242062, Taiwan

Deadline for manuscript submissions

closed (25 June 2025)

Electronics

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.

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Author Benefits

High Visibility:
indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:
JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).