Special Issue

Natural Language Processing Method: Deep Learning and Deep Semantics

Message from the Guest Editors

With the rapid development of deep learning technology, intelligent cross-modal systems have garnered a great deal interest from academics and industry alike. Accordingly, we have witnessed the recent dramatic emergence of various AI-based vision-language applications in various fields. This Special Issues invites original research addressing important, innovative and timely challenges in the community. Potential topics include, but are not limited to:

- visual captioning (image, video)
- visual question answering (image, video)
- visual text retrieval (image, video)
- storytelling; dense visual captioning
- visual dialog (image, video)
- visual grounding
- scene graph generation

Guest Editors

Dr. Wei Ji

School of Computing, National University of Singapore, Singapore 117417, Singapore

Dr. Yiming Wu

School of EIE, The University of Sydney, Sydney, NSW 2006, Australia

Deadline for manuscript submissions

closed (15 September 2024)



Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/158764

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

mdpi.com/journal/electronics





Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



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).

