

## Special Issue

# AI-Powered Natural Language Processing Applications

### Message from the Guest Editor

In this Special Issue, we are particularly interested in exploring, characterizing, and evaluating emerging AI-driven methodologies in NLP and presenting innovative models, datasets, tools, benchmarks, and applications that demonstrate measurable impact in academic, industrial, or societal contexts. Topics of interest include, but are not limited to, the following:

- Foundation models / LLMs for text understanding, reasoning, and generation;
- Multimodal language processing (e.g., speech-vision-text fusion);
- Human-in-the-loop NLP, prompt engineering, and preference alignment;
- Domain-specific or verticalized NLP (e.g., legal NLP, financial NLP, medical NLP, and NLP for software engineering);
- Responsible and trustworthy NLP: fairness, safety, transparency, privacy, accountability, and explainability;
- Efficient, compact, or on-device NLP models and inference optimization;
- Benchmarking, evaluation metrics, and reproducibility in NLP systems;
- High-value industrial applications of NLP and generative AI.

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### Guest Editor

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### Deadline for manuscript submissions

15 August 2026



## Electronics

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## 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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

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