

## Special Issue

# NLP-Driven Intelligent Recommendation System: Innovation and Practice

### Message from the Guest Editors

This Special Issue seeks high-quality original research, comprehensive reviews, and case studies that explore the innovation and practical implementation of next-generation recommendation systems driven by NLP and related AI techniques. Topics of interest include, but are not limited to the following:

- NLP and LLM-powered recommendation systems;
- Transformer architecture and retrieval-augmented generation (RAG);
- Generative models and reinforcement learning for personalization;
- Autonomous and multi-agent systems for adaptive recommendations;
- Conversational and interactive recommendation platforms;
- Explainability, transparency, fairness, and ethics in recommendation outcomes;
- Cold-start problems and data-efficient learning methods;
- Knowledge graphs and semantic reasoning for context-aware systems;
- Scalability, robustness, and real-time deployment of NLP-driven systems;
- Privacy-preserving and trustworthy recommendation frameworks;
- Human-centred AI and user modelling for personalized experiences.

### Guest Editors

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### Deadline for manuscript submissions

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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 guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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