

Special Issue

Challenges and New Opportunities for Next-Generation Recommender Systems

Message from the Guest Editors

This special issue solicits the latest and significant contributions on developing and applying efficient user modeling and advanced machine learning techniques for building next-generation recommender systems and particularly on data and model-driven intelligent recommender systems. Topics of interest include but are not limited to, the following:

- Cross-domain/source recommendation
- Context-aware/group/multi-criteria/multi-objective recommender systems
- Multi-modal recommendation
- Explainability/transparency in recommender systems
- Fairness/bias in recommender systems
- Efficient and scalable recommendation techniques
- Pre-trained recommendation model
- Self-supervised learning for recommendation
- Data sparsity, cold start and long-tail issues in recommender systems
- Knowledge transfer and distillation in recommender systems
- Surveys, reviews and prospects on next-generation recommender systems

You are welcome to contribute!!!

Guest Editors

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Deadline for manuscript submissions

closed (15 April 2025)



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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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