

## Special Issue

# Application of Recommender Systems in Healthcare

### Message from the Guest Editors

This Special Issue aims to obtain insight into the current state of the practice of recommender systems in healthcare and the related challenges. We invite scholars and scientists working in these disciplines to present their research outcomes and contribute to the literature on these topics. Topics of interest include, but are not limited to:

- Dealing with the constraints of limited medical data while generating personalized recommendations for patients;
- Addressing challenges of diversity, novelty, and precision in health-assisted recommendation models' lists using multi-objective optimization algorithms;
- Machine- and deep-learning-assisted emotion-aware recommender systems;
- Privacy-aware health care recommendation models using machine learning;
- IoT-enabled mobile-health applications for health recommendations;
- Cancer prediction systems to assist medical practitioners in primary and secondary treatments;
- Health-care management systems using knowledge-graph-based recommendation models;
- Case studies and deployment issues related to healthcare.

### Guest Editors

Dr. Mustansar Ali Ghazanfar

Dr. Mohammad Hossein Amirhosseini

Dr. Rawad Hammad

Dr. Muazzam Maqsood

### Deadline for manuscript submissions

closed (15 September 2023)



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*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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### 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

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di  
Torino, 10129 Torino, Italy

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