

## Special Issue

# Advances in Data Mining and Knowledge Discovery

### Message from the Guest Editors

The use of data mining and knowledge discovery for extracting useful information from flood data can be compared to the task of digging gold in a huge mountain. Data mining technology is an important field of AI that providing the heavy lifting for many of the most challenging problems in computer engineering. In the data mining process, it is very important to extract useful data, construct data structure, and manage data. This involves sophisticated high-tech methods that must be supported to manipulated valuable data with accuracy and time fit from flood data. The aim of this Special Issue is to provide in-depth high-tech methods related to the topic of data mining and knowledge discovery which can contribute to the development of advanced AI technology. We invite researchers to contribute original and unique papers. Topics include, but are not limited to, the following areas: Data mining; Knowledge discovery; Knowledge intensive problem solving techniques; Knowledge networks and management; Neural networks and variations including deep learning; Brain or Bio modeling system; Hierarchical Learning models; Bayesian methods; Independent Component Analysis.

---

### Guest Editors

Prof. Dr. JeongYon Shim

Prof. Hyeoncheol Kim

Dr. Kyu-Tae Lee

---

### Deadline for manuscript submissions

closed (15 January 2023)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/88970](https://mdpi.com/si/88970)

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

[mdpi.com/journal/  
electronics](https://mdpi.com/journal/electronics)





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/journal/  
electronics](https://mdpi.com/journal/electronics)



## 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), CAPus /  
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).