# **Special Issue**

# Al-Driven Data Analytics and Mining

### Message from the Guest Editors

The rapid growth of data volumes and complexity has made AI-driven analytics and mining indispensable for extracting actionable knowledge. By integrating cybernetic feedback principles with advanced machine learning and sentiment analysis techniques. researchers can develop adaptive, self-regulating systems that learn from dynamic environments and human inputs. This convergence addresses critical challenges in processing high-velocity, heterogeneous data streams while ensuring robust decision support and system autonomy. This Special Issue of Electronics welcomes contributions that advance Aldriven data analytics and mining, with a focus on cybernetics, big data analytics, and sentiment analysis. We seek original research, reviews, and case studies highlighting novel algorithms, system architectures, and end-to-end pipelines-from data acquisition and integration through to explainable modeling and deployment. Submissions should align with the journal's mission to foster innovative, open access dissemination of impactful Al solutions.

### **Guest Editors**

Prof. Dr. Marian-Pompiliu Cristescu

Dr. Claudiu Brandas

Dr. Dumitru Alexandru Mara

## Deadline for manuscript submissions

31 January 2026



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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 guestedited by leading experts in selected topics of interest.

### Editor-in-Chief

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