

Special Issue

Unlocking Data's Potential: Artificial Intelligence and Visual Analytics in the Modern Age

Message from the Guest Editors

This Special Issue endeavors to delve deep into the interplay between AI and visual analytics, seeking contributions highlighting novel methodologies, computational strategies, systematic reviews, and system architectures of real-world applications. Our goal is to foster an interdisciplinary exchange of ideas, extending to areas including analytical decision-making, corporate strategy evolution, AI-driven collaborative frameworks, healthcare analytics, sustainability metrics, and innovative techniques for behavior and trend detection. Topics of interest include, but are not limited to, the following:

- Integrative visual analytics and artificial intelligence systems and approaches;
- AI and visual analytics to support decision-making;
- Techniques and methods in explainable AI;
- Visual analytic solutions for handling big data challenges;
- AI and visual analytics in strategic corporate planning, healthcare and social well-being;
- Facilitation of collaborative work through AI interventions;
- Insights into collaborative intelligence mechanisms.

You are welcome to contribute!!!

Guest Editors

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Prof. Dr. Nuno Datia

Dr. Rita Francese

Deadline for manuscript submissions

closed (15 July 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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).