Special Issue

Recent Advances in Synthetic Data Generation

Message from the Guest Editors

The main objective of this Special Issue is to bring together diverse, novel and impactful research on synthetic data generation, thereby accelerating research in this field and the adoption of these techniques for real-world applications. The topics of interest include, but are not limited to:

- Synthetic data generation
- Generative adversarial networks
- Privacy preserving data
- Data augmentation
- Artificial intelligence
- Healthcare
- Imbalanced learning

Contributions from different application domains, use cases and data modalities are sought by this Special Issue.

Guest Editors

Dr. Gorka Epelde Unanue

 Vicomtech Foundation, Basque Research and Technology Alliance (BRTA), 20009 Donostia-San Sebastián, Spain
Biodonostia Health Research Institute, eHealth Group, Paseo Doctor Begiristain, s/n, 20014 San Sebastián, Spain

Dr. Darryl Charles

School of Computing, Engineering and Intelligent Systems, Ulster University, Derry~Londonderry, UK

Deadline for manuscript submissions

closed (31 December 2022)



Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/88161

Electronics Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 electronics@mdpi.com

mdpi.com/journal/

electronics





an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



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), CAPlus / 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).