



## Big Data and Information Science Technology

Guest Editors:

**Dr. Enrico Corradini**

Department of Information  
Engineering (DII), Polytechnic  
University of Marche, 60121  
Ancona, Italy

**Dr. Francesco Cauteruccio**

Department of Information  
Engineering, Polytechnic  
University of Marche, 60121  
Ancona, Italy

**Dr. Luca Virgili**

Department of Information  
Engineering, Polytechnic  
University of Marche, 60121  
Ancona, Italy

Deadline for manuscript  
submissions:

**30 September 2024**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue seeks to showcase original research articles and reviews on themes including big data analytics, machine learning, artificial intelligence for data management, real-time data processing, and data security in big data. By exploring these topics, we aim to contribute to the ongoing discourse on the potential of big data and information science technology to transform various sectors.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Predictive analytics and machine learning algorithms for big data;
- Data mining and knowledge discovery in large-scale datasets;
- Natural language processing and text mining in big data;
- Visualization techniques for big data analysis and exploration;
- Big data-driven decision support systems and applications;
- Scalable and distributed computing frameworks for big data processing;
- Privacy-preserving techniques in big data analytics;
- Real-time stream processing and analytics for big data.

