Special Issue

Reliability Estimation and Mathematical Statistics

Message from the Guest Editor

Reliability estimation and mathematical statistics are two closely intertwined fields that play a crucial role in various scientific disciplines and industries. Reliability estimation focuses on assessing the dependability and performance of systems, products, or processes over time. It involves the analysis of failure data to make informed predictions about future reliability. Mathematical statistics, on the other hand, provides the theoretical framework and tools for drawing meaningful conclusions from data, making it an indispensable component of reliability analysis. It is with great enthusiasm and anticipation that I write to you today as the of the upcoming Special Issue Reliability Estimation and Mathematical Statistics. Our commitment to excellence and innovation in the field has led us to a momentous juncture, and I invite you all to be a part of this exciting journey. We extend a warm invitation to contribute your work and insights to Reliability Estimation and Mathematical Statistics. The hope is to offer readers fresh insights and address topics of critical importance in reliability estimation and mathematical statistics.

Guest Editor

Prof. Dr. Kamel Rekab

Division of Computing Analytics and Mathematics, School of Science and Engineering, University of Missouri Kansas City, 5110 Rockhill Road, Kansas City, MO 64110, USA

Deadline for manuscript submissions

31 December 2025

About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Author Benefits

High Visibility:
indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:
JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 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).