





an Open Access Journal by MDPI

Bayesian Inference and Modeling with Applications

Guest Editors:

Dr. Vitaly Schetinin

School of Computer Science and Technology, University of Bedfordshire, Luton LU1 3JU, UK

Dr. Liviia Jakaite

School of Computer Science and Technology, University of Bedfordshire, Luton LU1 3JU, UK

Prof. Dr. Dayou Li

School of Computer Science and Technology, University of Bedfordshire, Luton LU1 3JU, UK

Message from the Guest Editors

Bayesian theory is well known for delivering reliable estimates of the posterior predictive distribution, which is required for accurate estimation of the distribution of a new observation. The submissions are expected to present either original research or state-of-the-art reviews. The main focus of this issue is on new theoretical results and applications that demonstrate the advantages of using Bayesian inference and modeling for quantifying uncertainty. Real-world applications of the Bayesian theoretical framework are of growing interest and therefore require rigorous and statistically proven evidence of convergence, accuracy, and uncertainty calibration.

Deadline for manuscript submissions:

closed (30 December 2022)











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The iournal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering sociology. particularly those that and 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

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

Contact Us