

Special Issue

Astroinformatics and Big Data in Astronomy

Message from the Guest Editor

The explosive growth of astronomical data generated by modern sky surveys, advanced telescopes, and large-scale simulations has propelled astronomy into the era of big data. This Special Issue seeks to showcase cutting-edge research that bridges data science and astronomy. We warmly encourage submissions leveraging state-of-the-art techniques in machine learning, deep learning, artificial intelligence (AI), statistical inference, data mining, interactive data visualization, and high-performance computing to tackle pressing problems across all subfields of astronomy.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The multidisciplinary journal *Universe* is aiming to follow and, hopefully, to lead to the largest extent as possible the ever-self renovating threads which weave mathematical theories with our understanding of the magnificent natural world. On behalf of all the distinguished members of the Advisory and Editorial Boards, I extend my welcome to this journal and look forward to hearing from the interested contributors and learning about their valuable research.

Editor-in-Chief

Prof. Dr. Lorenzo Iorio
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