



## Data-Driven AI Approaches with Applications in Social Network, Media Analytics and Smart Cities

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### Message from the Guest Editors

The ever-increasing complexity of networked systems in today's interconnected universe presents a significant challenge in understanding their structure and dynamics. Addressing this challenge requires advanced computational predictive analytics and data-driven methodologies to characterize and predict phenomena across various spatiotemporal scales.

This Special Issue seeks to showcase recent advancements, applications, and contributions in the fields of Artificial Intelligence (AI), machine learning methods, data analysis, big data analytics, and computational complexity. We encourage submissions that explore topics such as advanced data analysis and visualization in complex models, big data analysis using multifractal and fractional calculus methods, and AI approaches for real-world scenarios.

We welcome contributions on a wide range of topics including fractional calculus and complex systems, optimization algorithms for complex systems, machine learning applications in complex data, AI applications in signal processing, and advanced computational imaging.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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