



Special Issue on Artificial Intelligence and Applications

Call for Papers

"Artificial Intelligence and Applications" explores the development of computer systems capable of performing tasks that typically require human intelligence. This includes areas like machine learning, natural language processing, computer vision, and robotics. The field studies algorithms and models that enable machines to improve their performance through experience. Applications range from autonomous vehicles and intelligent personal assistants to predictive analytics in healthcare and finance. The discipline emphasizes both the theoretical underpinnings of AI technologies and their practical implications across various industries.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Artificial Intelligence and Applications**. Potential topics include, but are not limited to:

- Machine learning algorithms and techniques
- Cognitive computing
- Affective computing and human-computer interaction
- Deep learning and reinforcement learning
- Artificial neural network
- Natural language processing
- Computer vision and image recognition
- Robotics, machine intelligence and autonomous systems
- Knowledge representation and reasoning
- Big data analytics and AI applications
- Expert systems and decision-making
- AI in healthcare and medical diagnosis
- AI in finance and investment analysis
- AI in cybersecurity and anomaly detection
- AI in natural language generation and chatbots
- AI in smart cities and IoT applications

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed



to be specified and the research field “**Special Issue – Artificial Intelligence and Applications**” should be chosen during your submission.

According to the following timetable:

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|---------------------|--------------------|
| Submission Deadline | December 9th, 2024 |
| Publication Date | February 2025 |

For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

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