



Special Issue on
Artificial Intelligence and Machine Learning
Call for Papers

Artificial intelligence is a technology which enables a machine to simulate human behavior. The goal of AI is to make a smart computer system like humans to solve complex problems. Machine learning is the study of computer algorithms that improve automatically through experience. It is seen as a subset of artificial intelligence. Machine learning algorithms build a mathematical model based on sample data, known as "training data", in order to make predictions or decisions without being explicitly programmed to do so. Machine learning algorithms are used in a wide variety of applications, such as email filtering and computer vision, where it is difficult or infeasible to develop conventional algorithms to perform the needed tasks.

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

- Machine learning algorithms
- Artificial neural networks
- Neural networks and learning systems
- Neural computing and applications
- Support vector machines
- Genetic algorithms and evolutionary computing
- Bayesian networks
- Supervised learning
- Unsupervised learning
- Reinforcement learning
- Natural language processing
- Machine translation
- Computer vision, speech, and language
- Pattern analysis and machine intelligence
- Data mining and machine learning
- Knowledge-based systems
- Intelligent systems and technology
- Robotics and AI
- Applications in engineering, economics and medicine



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 Machine Learning**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	April 22nd, 2021
Publication Date	June 2021

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

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