



## Special Issue on The Development and Application of Artificial Intelligence Technology

### Call for Papers

The Development and Application of Artificial Intelligence Technology is a broad, interdisciplinary research domain concerned with the creation, advancement, deployment, and governance of artificial intelligence (AI) systems. It spans the theoretical foundations of intelligence, the design of algorithms and architectures, the engineering of scalable computational systems, and the integration of AI into scientific, industrial, governmental, and societal contexts. The field draws on computer science, mathematics, statistics, cognitive science, neuroscience, linguistics, robotics, control theory, and the social sciences. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **The Development and Application of Artificial Intelligence Technology**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **The Development and Application of Artificial Intelligence Technology**. In this special issue, potential topics include, but are not limited to:

- Robotics and Embodied AI
- Knowledge Representation, Reasoning, and Planning
- Generative AI and Foundation Models
- AI Systems, Infrastructure, and Engineering
- AI for Scientific Discovery
- AI in Healthcare and Medicine
- AI in Business, Finance, and Economics
- AI in Education
- AI in Transportation and Mobility
- AI in Manufacturing and Industry
- AI in Agriculture and Environment
- Human–AI Interaction and Cognitive Systems
- AI Ethics, Fairness, and Governance

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 specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - The Development and Application of Artificial Intelligence**”



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*Technology*” should be selected during your submission.

Special Issue timetable:

|                     |                |
|---------------------|----------------|
| Submission Deadline | March 4th 2027 |
| Publication Date    | May 2027       |

**Guest Editor:**

For further questions or inquiries  
Please contact Editorial Assistant at  
[ojapps@scirp.org](mailto:ojapps@scirp.org)