

## Call for Submissions for a Special Issue 1

« Advancing Artificial Intelligence (AI): Future Perspectives, Innovations, and Challenges »

### About

**Science Step Journal (SSJ)** and **Science Step Association (SSJ)** in collaboration with the **Observatoire National d'Intelligence Artificielle (ONIA)**, are pleased to announce a call for submissions for a special issue dedicated to the advances and perspectives of artificial intelligence (AI). This initiative aims to gather the most innovative and relevant contributions in this dynamic and constantly evolving field of research.

### Context

Artificial intelligence today represents a major technological revolution, impacting all sectors of contemporary society, from the economy to health, education, and the environment. The rapid progress and growing AI applications raise many issues and challenges, both technical and ethical, legal, and social.

This special issue aims to explore these multiple facets of AI, providing a platform for disseminating the most recent and promising research works. The objective is to promote a deep understanding of AI technologies, their practical applications, and the implications they raise for the future of our societies.

### Thematic Areas

For this special issue, we invite authors to submit original articles, case studies, literature reviews, and theoretical perspectives on the following themes:

#### A. Technological Advances in AI :

- Machine learning and deep learning
- Natural language processing
- Computer vision
- Recommendation systems
- Robotics and autonomous systems

#### B. Practical Applications of AI:

- AI in health: diagnostics, personalized treatments, and bioinformatics
- AI in education: learning, pedagogy, and intelligent tutoring systems
- AI and environment: natural resource management and energy
- AI and industry: automation and predictive maintenance

#### C. Ethical and Social Issues:

- Bias and fairness in AI algorithms
- Privacy protection and data security
- Social and economic impacts of automation
- Regulation and governance of AI technologies

#### D. Sustainable Development and AI:

- AI's contribution to sustainable development goals
- AI for crisis and natural disaster management
- AI solutions for reducing carbon footprint

#### E. Management and Productivity: What Role for AI?

- AI for improving productivity and organizational efficiency
- Change management and AI: supporting digital transformation
- Leadership and AI: redefining managerial roles

#### **Submission Process**

Interested authors are invited to submit their manuscripts via the Science Step Journal online submission system before October 15, 2024. All manuscripts will undergo a rigorous peer-review process to ensure the scientific quality and originality of the contributions.

#### **Author Instructions**

Regarding the Author guidelines, we invite you to visit the following link :

<https://sciencestepjournal.com/author-guidelines-science-step-journal/>

## Conclusion

We hope this special issue will catalyze cutting-edge research and enrich debates on artificial intelligence. By bringing together the works of leading researchers and the most innovative perspectives, we aspire to illuminate the future paths of this revolutionary technology. For any questions or further information, don't hesitate to get in touch with the editorial team of Science Step Journal at [contact@sciencestepjournal.com](mailto:contact@sciencestepjournal.com)

We look forward to your contributions and thank you in advance for your participation in this collective effort to advance our understanding and use of artificial intelligence.

Science Step Journal (SSJ)

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## CALL FOR SUBMISSIONS

### SPECIAL ISSUE 1

Advancing Artificial Intelligence (AI): Future Perspectives, Innovations, and Challenges

[www.sciencestepjournal.com](http://www.sciencestepjournal.com)



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### SPECIAL ISSUE 1

- **Next publication:** October 2024
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- **Issue Date:** October 15, 2024
- **Publication language:** English, Arabic, French
- **Disciplines:** Artificial Intelligence, Innovation & Tech,

### PAPER SUBMISSION

- **Submit your article online:**  
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 Please ensure that the research papers are submitted in accordance with the author guidelines for publication in our journal.

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