

Special Issue

Recent Advances in AI Convergence: Innovations at the Crossroads of Disciplines

Message from the Guest Editor

This Special Issue aims to showcase cutting-edge research, novel methodologies, and impactful applications arising from the convergence of AI with other fields. We welcome theoretical, empirical, and applied research papers, as well as review articles and case studies that highlight how AI convergence is reshaping innovation across disciplines.

- AI in healthcare and biomedical sciences;
- AI for smart manufacturing and Industry 4.0;
- AI-driven digital twins and cyber-physical systems;
- AI convergence with education and learning technologies;
- AI and human creativity: art, music, and design;
- AI in environmental monitoring and sustainability;
- Human-AI collaboration and interaction design;
- Cross-domain knowledge transfer and multi-modal AI;
- Ethics, policy, and governance in AI convergence;
- AI for social good and public services;
- Multidisciplinary datasets and benchmarking for AI;
- AI in scientific discovery and research automation.

We invite contributions that explore the technical, theoretical, and societal dimensions of AI Convergence. Whether you are advancing the science of AI itself or applying it to reinvent a domain, we look forward to your insights and discoveries.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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