

Special Issue

AI from Industry 4.0 to Industry 5.0: Engineering for Social Change

Message from the Guest Editors

The rapid evolution of Industry 4.0 has ushered in unprecedented advancements in automation, data exchange, and manufacturing technologies, primarily driven by artificial intelligence (AI). As we transition to Industry 5.0, the emphasis shifts from mere automation to a harmonious collaboration between humans and intelligent systems. This Special Issue aims to explore how AI and the upcoming Generative AI (GenAI) can be harnessed to engineer social change, fostering an inclusive, ethical, and human-centric industrial paradigm.

We are excited to announce a call for papers to be submitted to our upcoming Special Issue, dedicated to "AI From Industry 4.0 to Industry 5.0: Engineering for Social Change". This Special Issue will delve into the applications of AI technologies in Industry 4.0 and their evolution into the socially responsible frameworks of Industry 5.0, encompassing smart manufacturing and smart cities.

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Deadline for manuscript submissions

closed (20 March 2026)



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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.

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