

## Special Issue

# Applied Artificial Intelligence and Software Engineering

### Message from the Guest Editor

Applied AI and software engineering are deeply intertwined, fueling innovation across sectors. AI technologies like machine learning boost software capabilities, enabling automation and smart decision-making. Software engineering provides the tools and methods to build robust, scalable AI-driven applications, tackling issues like reliability. Their integration is key for efficient, user-focused solutions in healthcare, finance, etc.

In this Special Issue, original research and reviews are welcome, focusing on (but not limited to) the following areas:

AI-driven software development methods and tools.  
Engineering reliable, explainable, and ethical AI systems.

Applied AI in software testing, maintenance, and optimization.

Case studies of successful AI integration into software engineering across industries.

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### Guest Editor

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### Deadline for manuscript submissions

30 December 2026



## Applied Sciences

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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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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