

## Special Issue

# Application of Artificial Intelligence in Engineering

### Message from the Guest Editors

Artificial intelligence (AI) engineering is an emergent discipline focused on developing tools, processes, and systems to enable the application of artificial intelligence in many real-world contexts, such as manufacturing, energy, transportation, and software engineering. According to Gartner, by 2025, the 10% of enterprises that establish AI engineering best practices will generate at least three times more value from their AI efforts than the 90% of enterprises that do not. Therefore, this Special Issue is intended for the presentation of new ideas and practical applications in the field of AI engineering from theory, methodology, and process to its practical use. **Keywords** This Special Issue will publish high-quality, original research papers. Topics of interest include, but are not limited to, the following:

- Artificial intelligence, machine learning, and deep learning;
- AI applications in intelligent manufacturing;
- AI applications in intelligent mine;
- AI applications in intelligent transportation;
- AI for software engineering and software engineering for AI;
- AI applications in many other engineering fields.

---

### Guest Editors

Prof. Dr. Liang Bao  
Prof. Dr. Chase Wu  
Dr. Fan Tao

---

### Deadline for manuscript submissions

closed (30 April 2024)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/160871](https://mdpi.com/si/160871)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## 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

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )