

## Special Issue

# Innovative Applications of Artificial Intelligence in Multidisciplinary Sciences: Latest Advances and Prospects

### Message from the Guest Editors

With the transformation of the digital age, artificial intelligence has developed rapidly and penetrated into multidisciplinary application fields, such as power systems, the Internet, bioengineering, medical pharmacy, traffic engineering, industrial control, financial engineering and so on. Artificial intelligence brings new technical methods to solve problems in different disciplines, including power equipment condition assessment and fault diagnosis, AC/DC power system operation planning and control, computer image processing, clinical experiments, biological data recognition, traffic flow prediction, financial market stock price prediction and complex multi-physical field modeling. Clearly, this extensive application of artificial intelligence technology represented by deep learning, machine learning and intelligent optimization algorithms brings hopeful solutions to complex problems in different disciplines. For more information on the Special Issue, please visit [LINK](https://www.mdpi.com/journal/applsci/special_issues/J507JQRGUF)  
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### Guest Editors

Prof. Dr. Zhanlong Zhang

Dr. Jianquan Liao

Dr. Peiyu Jiang

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### Deadline for manuscript submissions

closed (30 May 2024)



## Applied Sciences

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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.

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### Editor-in-Chief

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