



## Applications of Deep Learning Techniques

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Deadline for manuscript  
submissions:

**closed (15 February 2024)**

### Message from the Guest Editors

Dear Colleagues,

Since the concept “Deep Neural Networks (DNNs)” was proposed, a number of subsequent deep learning techniques, including convolutional neural networks, graph neural networks, sequence-to-sequence models, generative models, deep reinforcement learning, and others, have been proposed. Those deep-learning techniques are widely applied to different fields and domains, including self-driving, virtual assistants, healthcare, personalization, automatic game playing, chatbots, etc. Meanwhile, fantastic deep learning applications such as AlphaGo, Alexa, AlphaFold2, ChatGPT, and others have been developed and are changing human life.

The journal's Special Issue aims to set a milestone in this rapidly growing subject area with archive articles in the journal to reflect the current state of the art in the research and/or current practices, as well as a set of survey, review, and visionary research papers that summarize the results so far, analyze the challenges ahead, and set a roadmap for the future directions.





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## Message from the Editor-in-Chief

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