

## Special Issue

# Applications of Deep Learning Techniques

### Message from the Guest Editors

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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#### Guest Editors

Prof. Dr. Junhua Ding

Dr. Haihua Chen

Dr. Yunhe Feng

Dr. Tozammel Hossain

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#### Deadline for manuscript submissions

closed (15 February 2024)



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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