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Quantum Machine Learning algorithm and Large Language Model

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Deadline for manuscript submissions:
closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

In the special issue on quantum machine learning algorithms and the large language model of machine learning, authors are encouraged to create and explore real quantum software that gives better accuracy. It is possible to speculate that quantum computers will outperform traditional computers on machine learning algorithms given that quantum systems produce patterns that are thought to be ineffectively produced by classical systems. The research on quantum machine learning algorithms is concentrated on the creation and usage of actual quantum software that provides these benefits. Submissions covering both the traditional large language model and the innovative practical uses of quantum machine learning were encouraged.

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Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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