Special Issue on Large Models and Computation

Call for Papers

Large Models and Computation research focuses on the development, analysis, and optimization of large-scale models, particularly in the context of artificial intelligence (AI), machine learning (ML), and deep learning. These models are characterized by their immense size, often containing billions or even trillions of parameters, and their requirement for significant computational resources for both training and inference. The research in this field aims to push the boundaries of model capabilities, improve efficiency, and reduce the computational burden. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of Large Models and Computation.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore Large Models and Computation. In this special issue, potential topics include, but are not limited to:

- Model Architecture Design
- Computational Efficiency and Optimization
- Scaling Laws and Model Capacity
- Natural Language Processing (NLP) Applications
- Interdisciplinary Applications

Authors should read over the journal’s For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal’s Paper Submission System.

Please kindly specify the “Special Issue” under your manuscript title. The research field “Special Issue –Large Models and Computation” should be selected during your submission.

Special Issue timetable:

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<td>Publication Date</td>
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Guest Editor:

For further questions or inquiries
Please contact the Editorial Assistant at