

## Special Issue

# Large Language Models and Their Limitations

### Message from the Guest Editor

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Bias, fairness, and ethical challenges in Large Language Models.
- Hallucination detection, analysis, and mitigation strategies.
- Explainability, interpretability, and transparency of LLMs.
- Evaluation benchmarks and reliability assessment of language models.
- Reasoning limitations and factual consistency in LLM-generated content.
- Privacy, security, and data leakage risks in large-scale models.
- Domain adaptation and low-resource challenges in LLMs.
- Energy efficiency, scalability, and sustainability of LLM training and deployment.
- Human–AI interaction, trust, and user perception of LLM-based systems.
- Real-world applications and case studies highlighting model deficiencies.

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### Guest Editor

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### Deadline for manuscript submissions

15 February 2027



## Big Data and Cognitive Computing

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CiteScore 9.8



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## About the Journal

### Message from the Editor-in-Chief

*Big Data and Cognitive Computing (BDCC)* is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

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### Editor-in-Chief

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