

## Special Issue

# Advances in Generative AI and Computational Linguistics

### Message from the Guest Editors

Topics of interest include, but are not limited to:

- Multi-modal generative AI models for text, image, audio, and video synthesis
- Cross-modal representation learning and fusion techniques
- Visual and audio-grounded language modeling
- Multi-modal dialogue systems and conversational agents
- Text-to-image and image-to-text generation
- Multi-modal reasoning and narrative generation
- Computational linguistics approaches to multi-modal data integration
- Ethical concerns, biases, and fairness in multi-modal generative AI
- Applications in education, creative industries, healthcare, and accessibility
- Benchmarking and evaluation methodologies for multi-modal generative systems
- Advances in generative language models and large language models
- Computational linguistics approaches enhanced by generative AI
- Low-resource and multilingual generative NLP
- Dialogue systems and conversational AI
- Text-to-text, text-to-image, and multimodal generative tasks
- Applications in education, healthcare, legal tech, and social sciences
- Benchmarking and evaluation of generative AI in linguistic contexts

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### Guest Editors

Dr. Yang Zhang

Dr. Haihua Chen

Dr. Kai Wang

Dr. Kewei Sha

Prof. Dr. Junhua Ding

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**Deadline for manuscript submissions**



## Electronics

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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