



## Purpose-Driven Data–Information–Knowledge–Wisdom (DIKWP)-Based Artificial General Intelligence Models and Applications

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submissions:  
**closed (20 March 2024)**

### Message from the Guest Editor

Purpose refers to the reason or intention behind something, or the motivation or aim that drives a person or organization towards a particular goal or objective. DIKWP stands for Purpose-driven Data–Information–Knowledge–Wisdom, and it is an extension of the original DIKW model that emphasizes the importance of purpose and context in the process of converting data into useful knowledge and wisdom. We call for papers on DIKW and DIKWP modeling and processing, especially those related to novel AGI models:

1. A small model of AGI/LLMs solutions based on DIKW or DIKWP: data and knowledge hybrid modeling and processing of natural language content, language processing models, etc.
2. Low computing workload AGI/LLMs solutions: ontology automation, knowledge graph, etc.
3. New DIKW formalization methods: various formalizations on common sense, cognition, etc.
4. Objectivation approaches of subjective or cognitive AGI/LLMs content.
5. Semantic DIKWP communication for 5G/6G, privacy persevering, etc.
6. Evaluation models and standardization of AGI/LLMs tests/experiments.
7. Explainable, trustworthy, reliable and responsible architecture on AGI/LLM governance.





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## Message from the Editor-in-Chief

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