



## Machine Learning, Deep Learning and Explainable Artificial Intelligence in Knowledge Representation

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### Message from the Guest Editors

We are pleased to announce a Special Issue of the MDPI Journal *Information*, entitled “Machine Learning, Deep Learning and Explainable Artificial Intelligence in Knowledge Representation”. The aim of the above Special Issue is to provide a forum for an open discussion on the broad concept of leveraging the field of Knowledge Representation alongside the techniques of machine learning and deep learning, with the conceptual framework of Explainable AI; all such ideas have acquired momentum in recent years. The scope of this Special Issue includes, but is not limited to, the following topics:

- Knowledge discovery on the web;
- Knowledge alignment with machine learning;
- Deep learning and knowledge understanding;
- LLM and KR;
- Explainability of knowledge discovery;
- Natural language processing with deep learning techniques;
- Ontology from text;
- Understanding sensor data;
- Symbol grounding with deep learning;
- Non-monotonic reasoning with knowledge discovery;
- New pipeline models for reasoning with data;
- Applicability of deep learning with decision making and knowledge representation.





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## Message from the Editor-in-Chief

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